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1926 ANNUAL

EVERYTHING FOR THE GARDEN

JOHNSON'S SEED STORE
2158-2160 E. NINTH ST.
CLEVELAND
OHIO

CLEVELAND'S LEADING AND MOST CONVENIENT SEED STORE

DIRECTIONS FOR ORDERING

BUSINESS TERMS

We Especially Invite Charge Accounts. A charge account is more convenient than to remit for each order at the time it is sent; you pay no more for your goods by reason of this accommodation. As to our responsibility, we refer you to Dun's or Bradstreet's Mercantile Agency.

When sending your first order, if possible, send us the name and address of some one with whom you already have a charge account. This saves time.

REGARDS C. O. D. SHIPMENTS

Goods can be sent C. O. D., with the exception of perishable items, which include plants and cold-storage bulbs; these cannot be sent C. O. D. No C. O. D. shipments for any kind of goods can be made by express or freight out of town unless partial remittance accompanies the order. No C. O. D. orders can be accepted for local shipments or delivery where amount involved is less than \$2.00, except parcel post shipments, for which C. O. D. orders are accepted for amounts of 50 cents or more.

SHIPPING INSTRUCTIONS

Always state by what method you want goods forwarded, otherwise we will ship according to our best judgment.

INFORMATION CHEERFULLY GIVEN

We make a specialty of giving, by letter, any information our customers require in Gardening Matters. Do not hesitate to call on us.

Domestic Parcel Post Rates from Cleveland, Ohio, to Any Other Postoffice in the United States		For First Pound Allow	For each Addi- tional Lb. Add
1st zone within 50 miles...		\$.07	\$.01
2nd zone within 50 to 150 miles...		.07	.01
3rd zone within 150 to 300 miles...		.08	.02
4th zone within 300 to 600 miles...		.09	.04
5th zone within 600 to 1000 miles...		.10	.06
6th zone within 1000 to 1400 miles...		.11	.08
7th zone within 1400 to 1800 miles...		.13	.10
8th zone over 1800 miles...		.14	.12

Weight limit within the first, second, and third zones is 70 pounds; within the other zones the weight limit is 50 pounds. In all zones, the size limit is 34 inches for combined length and girth.

WHY OUR SEEDS ARE RELIABLE. We grow what we can under own supervision from our own pedigreed seed-stock. What we cannot grow under our own supervision we purchase by contract from professional growers whose reputation must be maintained.

JOHNSON'S TESTED SEEDS. Every lot of seed that comes into our store or warehouse is carefully tested for germination.

PLEASE ORDER EARLY

We shall greatly appreciate it if our customers will adopt our suggestion to send us their spring orders for seeds, plants and bulbs as early as possible. Shipments need not be made until you want the goods.

PARCEL POST SHIPMENT AT OUR EXPENSE AS FOLLOWS:

We pay postage charges on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (beans, corn, peas and mixed grass seeds are not included), nor such other seeds where mention is made in catalog. If these seeds are wanted by mail, remit for postage at the rates quoted in table below.

OTHER PARCEL POST INFORMATION

In compiling this catalog we have endeavored to give the shipping weights on most sundries, where their nature, size and weight permits their being sent by parcel post. Liquids and poisons are excluded from the mails. Where plants and bulbs are of a nature and weight to permit parcel post shipment, allow for postage in the amount of 15 per cent of their value. If you remit more than is necessary for postage we will refund the remainder to you.

Notice to Market Gardeners and Florists

Growers of vegetables or flowers for market can save money by sending for our Special Market Gardeners' and Florists' Price List, at once. It will be sent only to those who grow for market, and will not be sent to private gardeners. We cater to the most critical trade.

NOTICE—PLEASE READ

We cannot Guarantee the Well-Doing of any seeds, plants or bulbs we send out, having no control over conditions—therefore:

Johnson's Seed Store gives no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, plants or bulbs they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

Johnson's Seed Store

SEEDS THAT PRODUCE

2158-60 East Ninth Street
Just South of Prospect Ave.,
West Side of E. Ninth St.

Telephone Cherry 911
Cleveland's Largest and Most Convenient
Seed Store

HARDY LILIES for Spring and Summer Planting

	Each	Doz.		Each	Doz.
Speciosum. Large flowers of excellent beauty on sturdy stems. Flowers in August.			Auratum. White with crimson spots and golden stripes. Flowers July to October.	\$0.60	\$6.00
Album. Pure white.	\$0.75	\$7.50	Tigrinum splendens (Improved Tiger Lily). Pyramidal orange - red flowers, spotted with black. Blooms in August.	.35	3.50
Magnificum. Beautiful deep rose.	.75	7.50	Tigrinum splendens, fl.-pl. Double Tiger Lily	.35	3.50
Melpomene. Fine crimson, heavily spotted	.60	6.00			
Rubrum. White, shaded rose, with red spots	.75	7.50			

ORDER SHEET FOR

VEGETABLE SPECIALTIES

JOHNSON'S SEED STORE

2158-60 East Ninth St.
CLEVELAND, OHIO

Please Forward the Following to

Name (Ladies, please use prefix Miss or Mrs.; the latter use husband's initials. Write name and address very plainly.)

Post Office

R. F. D. No. Box No. Street

Express or Freight Office

County State

(State on this line whether wanted by Mail, Express or Freight.)

Most of our SPECIAL STOCKS are listed on this order sheet and are this way for your convenience in ordering.

AMOUNT ENCLOSED

Date

P. O. Order

Express Order

Check or Draft

Cash

Stamps

Total

For Postage and Express Charges see inside front cover

JOHNSON'S SEED STORE

gives no warranty, express or implied, as to description, purity, productive-ness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.

Lb.	Oz.	Pkt.	NAMES OF SEEDS, BULBS, ETC. WANTED	Price	
			Beet, Johnson's New Dark Leaved Globe		
			Beet, Johnson's LONG SEASON		
			Cabbage, Johnson's New Extra Early Golden Acre		
			Carrot, Johnson's New Extra Early Coreless		
			Cauliflower, Johnson's Earliest Snowstorm		
			Sweet Corn, Johnson's Verifirst		
			Sweet Corn, Johnson's New Golden Standard		
			Sweet Corn, Whipple's Large Early		
			Cucumber, Johnson's Selected Stock Davis Perfect		
			Celery, New Golden Plume or Wonderful		
			Muskmelon, Extra Early LAKE CHAMPLAIN		
			Muskmelon, Bender's Surprise		
			Parsley, Johnson's Bouquet		
			PEPPER, Harris' Early Giant		
			Peas, Johnson's New Extra Early Six Weeks		
			Peas, Johnson's New Hundred Fold		
			Peas, Johnson's New Prizewinner		
			Cucumber, Johnson's First in the Market		
			Radish, Johnson's New Saxa		
			Cabbage, Chinese Wong Bok		
			Tomato, New Extra Early WAYAHEAD		
			Pumpkin, Winter Luxury		
TOTAL					

ORDER FOR SPECIALTIES TO JOHNSON'S SEED STORE

2158-60 East Ninth St.
CLEVELAND, OHIO

Please Forward the Following to

Name
(Ladies, please use prefix Miss or Mrs.; the latter use husband's initials.
Write name and address very plainly.)
Post Office
R. F. D. No. Box No. Street
Express or Freight Office
County State

AMOUNT ENCLOSED

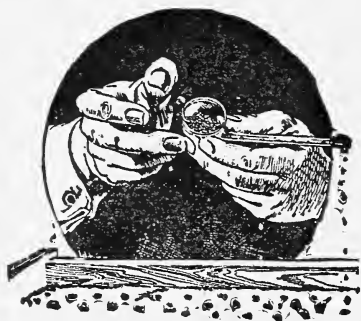
Date

P. O. Order

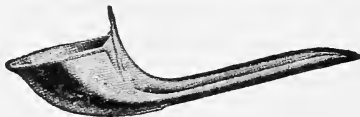
Check or Draft

Cash

Stamps



Sowrite Seed-Sower
Sows Seeds at a Touch!



Scatters seed individually; prevents crowding and choking of seedlings. Eliminates guesswork because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast.

"SOWRITE"—Model 1922

Made of Fiberloid. Indestructible, transparent. For all fine seeds. Price \$1.00, postpaid.

"SOWRITE"—Model 1923

Made of Copper, Nickel Plated. For all seeds up to size of Sweet Peas. Price \$1.50, postpaid.

"SEERITE" The Perfect Label for Every Purpose, Always Readable



Not affected by atmospheric conditions. Both for in and outdoor propagating beds, seed beds, rose or rock gardens and general use in the flower and vegetable garden.
..... boxes, 8 in a box, at \$1 per box. boxes, 100 in a box, at \$11 per box.

Every Market Gardener Should Own a Vermorel! IMPORTED VERMOREL DUSTERS

Made in France

SINGLE AND DOUBLE ACTION

The Most Efficient Duster for Market Gardeners



For dusting sulphur or sulphur and arsenate mixtures, arsenate of lead or calcium, arsenate of zinc, Paris Green, Bordeaux or Bordeaux Lead powders, lime, nicotine dust, etc. Simplicity in construction—ease in operation—efficiency in its work—these are the outstanding features of this wonderful model.

The "ORANGE" being of the bellows type has no wheels, cogs, belts or other complicated mechanism that would be likely to wear and give trouble.

Size, 12x16 inches. Hose and tube length 4½ feet. Weight, 11 lbs. (shipping weight 17 lbs.). Capacity, 6 quarts, dry measure (9 lbs. sulphur flowers).

In 1925 we Imported 100 of these Dusters which sold at \$20 and \$25. At the reduced price for this year they will sell rapidly so we advise early orders.

To Operate. The machine is placed on the back and carried as a knapsack. The straps with which it is equipped hold it firmly in position. An easy stroke of the lever insures an even flow of material with sufficient force for thorough penetration.

Equipped with fine and coarse screens and adjusting slide to regulate volume of flow.

Single Action. Price, \$16.00, f. o. b. Cleveland.

Double Action. Price, 21.00, f. o. b. Cleveland.

THIRTY-THIRD ANNUAL CATALOG OF JOHNSON'S "SEEDS THAT PRODUCE"

Annual Message to Our Present and Future Customers

Johnson's Seeds are living up to our slogan "Seeds that Produce" as the many letters of commendation in our files from satisfied customers in different sections of the country testify.

Gardening is recommended to all as the most fascinating, congenial form of open-air exercise. Besides the great health building results that are sure to ensue from a short time each day at garden work, you will be delighted at the results of your crops and the saving in household expenses. It is a pleasure to us to serve you and any information desired we will gladly give.

The selection of seed stocks is exceedingly important and we spare neither time nor expense in endeavoring to improve upon what we now own, but also to test out new varieties before cataloguing same.

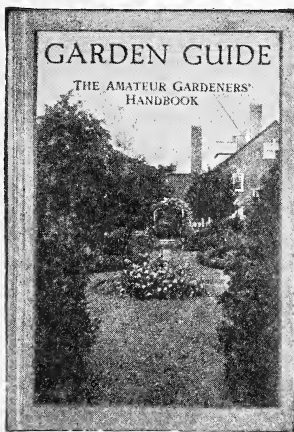
Our mail order department is well equipped to handle our increasing business; however, we would ask you to send in your orders at your earliest convenience, to enable us to give proper attention to same.

Yours for Garden Success,
JOHNSON'S SEED STORE

Cleveland, Ohio, Jan. 1, 1926

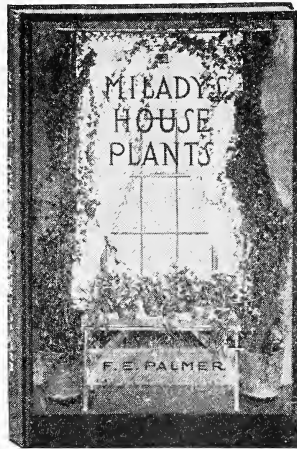
POPULAR AGRICULTURAL BOOKS

Only the best books in their respective fields are listed here, books that we can recommend without reserve. They are worthy of a place on your bookshelf. Read and profit by them.



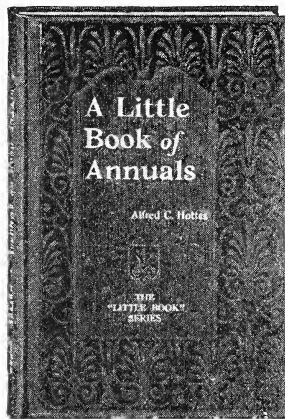
GARDEN GUIDE (Amateur Gardener's Handbook). Fourth edition. This gem covers every step from the preparation of the soil to the preservation of the harvest and we are glad to recommend it to every person who has a lawn to care for, a garden to plant, fruits and ornamentals to prune. Whoever enjoys flowers and wishes to keep them free from insects will appreciate its helpful suggestions. Over 275 illustrations appear on its 384 pages.

Postpaid, cloth, \$1.65



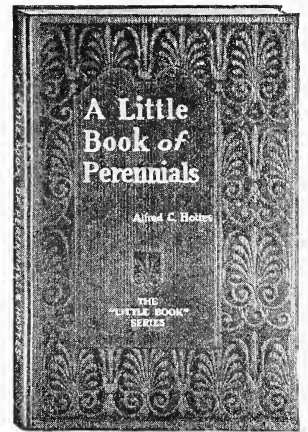
MILADY'S HOUSE PLANTS. Palmer. The care of house plants is simply explained and with the aid of this book, success is assured. Instructions for potting, watering, and arrangement of plants are given, and illustrated.

Postpaid, cloth, \$1.50



LITTLE BOOK OF ANNUALS. Hottes. A thoroughly reliable guide for the amateur who grows flowers for the love of them. A handsome, freely illustrated book of 128 pages that will appeal to a host of our customers as it is the best thing along this line that has come to our attention.

Postpaid, cloth, \$1.65; paper, \$1.10

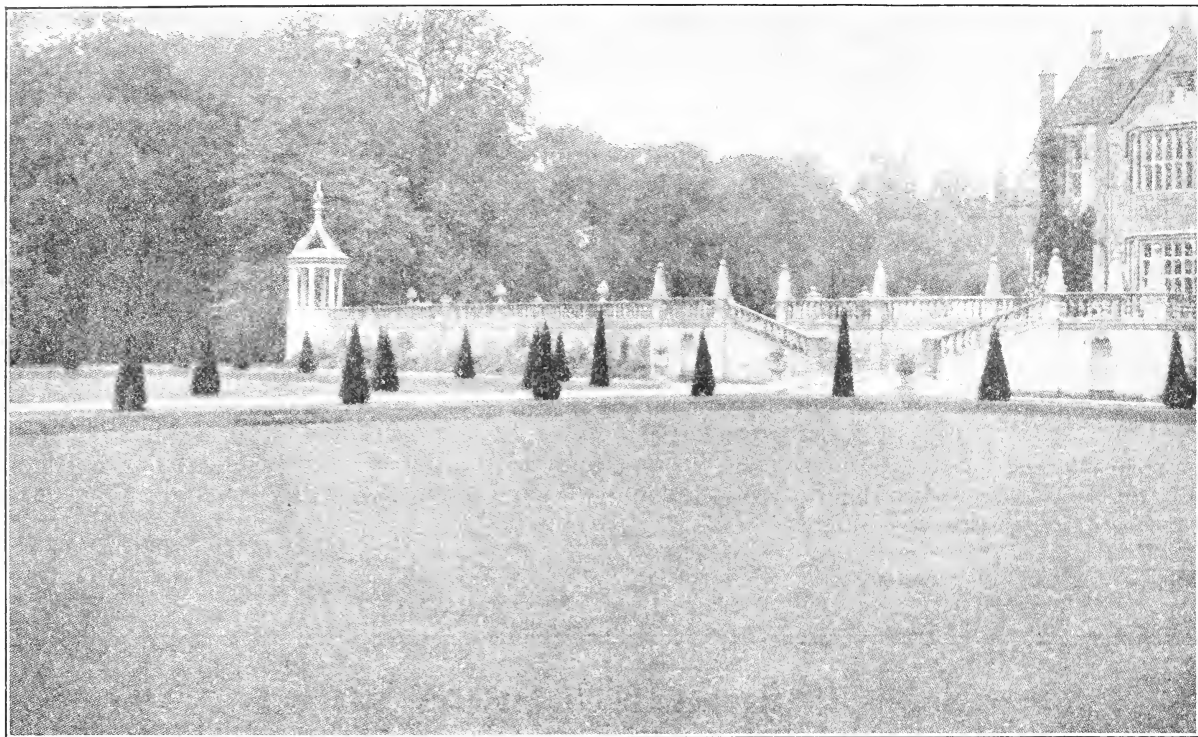


LITTLE BOOK OF PERENNIALS. Hottes. 170 pages devoted to a discussion of the most important useful perennials, giving valuable information relative to description, culture, and requirements that every flower lover should know. Well illustrated, making an interesting and instructive book for professional and amateur.

Postpaid, cloth, \$1.65

Johnson's High Grade Lawn Seed

THE BEST SEED MAKES THE BEST LAWN



Smooth, Firm, Evergreen Lawns From Johnson's Lawn Grass Mixtures

ABOUT LAWNS AND LAWN GRASS SEED

Formation of Lawns from Seed

There is nothing more attractive than a well-kept lawn.

The ground should be thoroughly drained and well prepared. The soil ought not to be too rich, as a rapid growth is not wanted in the grasses of a lawn; but the surface should be as much alike in quality as possible and thoroughly pulverized. After sowing, the ground should be rolled if possible, in order to press the seed firmly into the soil, and ten days or so thereafter a light application of Johnson's Lawn Fertilizers will serve to stimulate the growth of the young grasses. The proper time to sow grass seed depends, of course, upon latitude. In the central and eastern states from March 15th to the middle of May is the best time; but in favorable seasons the sowing may be done up to July 1st. Seed may also be sown in the fall, from the latter part of August to the end of October or later, depending upon the weather. The sowing should be done when the ground is moist, or before an expected rain, and a subsequent rolling is always advisable. As to weeds in newly-made lawns, it may not be generally known that many weed seeds actually lie dormant in the ground for six or seven years and will germinate and make their appearance when the soil is turned up. The annual wild grasses, such as crab grass or summer grass, must be pulled up by the roots before they ripen their seed in the fall.

Johnson's "Reliable"

An Ideal Lawn Seed Mixture—Cleanest; Best; Cheapest

The formula for this mixture was originated by our Mr. F. G. Johnson almost thirty years ago, and has been used successfully for years in laying out many of the lawns and terraces which today we greatly admire in and around Cleveland. From time to time we learn something new about the blending of different kinds of lawn seeds, applying this experience to the preparation of our mixtures, until we now believe we have the best balanced formula, superior to many, and second to none.

The Best for General Purposes

Our "Reliable" Lawn Grass Seed is the cleanest, heaviest, cheapest and best, because it is made up of Extra Recleaned Seeds of the finest varieties of grasses, each of which has its season of beauty and the result is the production of a sod that is always evergreen and velvety. Many of the finest lawns of our city are seeded with Johnson's Reliable Lawn Grass, the preparation of which is a specialty with us. Less seed of Johnson's Reliable is required than of any other brand. Hence it is economical in the end. 1 lb. will sow 400 square feet. **Lb., 70c; 5 lbs., \$3.25; 10 lbs., \$6.00; 20 lbs. (1 bu.), \$10.00.**

QUANTITY REQUIRED FOR NEW LAWNS. 1 lb. (about 3 pts.) for 400 sq. ft.; 5 lbs., (1 pk.) 2200 sq. ft.; 10 lbs., (½ bu.) 4600 sq. ft.; 20 lbs., (1 bu.) 10,000 sq. ft. A large quantity of Lawn Seed will cover a slightly larger area in proportion than a small quantity, owing to the fact that it is easier to spread evenly.

LAWN SEED—Continued**Johnson's "Economy" Lawn Seed****A good clean mixture for general purposes**

This special mixture produces beautiful and permanent lawns. It is made from our own formula, and composed of grasses which are adapted for the purpose of producing a lawn which retains its rich green color and velvety appearance throughout the summer and fall. It is well suited for various soil conditions, giving good results even in small city grass plots, where the soil is generally stiff and heavy. **Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 20 lbs. (1 bu.), \$7.00.**

Johnson's "Shady Spot"

This is a very high grade mixture of grasses which naturally grow in shady spots. Before sowing in such places, it is well to rake off the surface thoroughly and then apply air slaked lime at the rate of one bushel to every 1,000 square feet. Use one pound of seed for every 300 square feet. **Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 20 lbs., (1 bu.), \$7.00.**

Johnson's "Quick Growth"

A special mixture of seeds which is especially useful where for some reason or other the seed cannot be sown in early spring. Our **Quick Growth** mixture will cover the ground like magic, but later on produce a permanent and beautiful sod. **Lb., 50c; 5 lbs., \$2.00.**

Grass Seed Mixtures for Terraces

A mixture of strong, deep-rooted grasses for banks or terraces. Although the grasses are strong and deep-rooted, they will produce a fine green velvety surface, and also prevent washing away during heavy rains. **Lb., 90c; 5 lbs., \$4.00; 10 lbs., \$7.50.**

Clover for Lawns**WHITE DUTCH OR LAWN CLOVER** (*Trifolium Repens*).

This is valuable for pasture as well as for lawns; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best; flowers greenish white. Sow 10 to 12 lbs. per acre if alone, or 5 lbs. if sown on old turf or with other crops. **30c per ¼ lb.; ½ lb., 50c; 90c per lb.; 5 lbs., \$4.25; \$8.25 per 10 lbs.** Prices on White Clover subject to change.

Miscellaneous Grasses**Special Prices on Application**

All Prices quoted for Miscellaneous Grass Seeds are Subject to change without notice

BLUE GRASS. *Fancy Kentucky* (*Poa pratensis*). Our stock of this is extra fine, thoroughly re-cleaned; sow 3 to 5 bu. per acre on lawns, 2½ to 3 bu. on pasture fields (bu. 14 lbs.). **Lb., 90c; 5 lbs., \$4.00; 10 lbs., \$7.50; 25 lbs., \$12.00.**

BLUE GRASS. *Canadian* (*Poa Compressa*). Makes an ideal pasture; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue Grass Seed (bu. 14 lbs.). **Lb., 90c; 5 lbs., \$4.00; 10 lbs., \$7.50.**

CREeping BENT (*Agrostis stolonifera*). Succeeds well in moist situations. **Lb., \$1.50.**

RED FESCUE. For meadows or pasture on dry, hard or sandy soil. It is very hardy, a true perennial, growing from 1 to 2½ feet high. **Lb., \$1.50.**

HARD FESCUE. (Bu. 14 lbs.) Emphatically a grass for dry lands, doing well on sandy and shallow silicious soils. Exceedingly hardy and withstands extremes of heat, cold and drought. **Write for prices.**

WOOD MEADOW GRASS (*Poa memorialis*). A very productive Grass, adapted for lawns or pastures. Thrives well under trees. Very scarce. **Lb., \$1.25.**

PERENNIAL RYE (*Lolium perenne*). Affords pasture very early in the spring. Sow early in the spring at the rate of 1 to 1½ bushels to the acre. **Lb., 35c; 5 lbs., \$1.25.**

RHODE ISLAND BENT (*Agrostis canina*). A very fine variety for lawn and pasture. **Lb., 75c.**

NEW ZEALAND CHEWINGS FESCUE. New crop. Fancy seed. **Lb., \$1.25.**

CRESTED DOGTAIL (*Cynosurus cristatus*). An excellent Grass for hard, dry soils. Sow 25 lbs. per acre. **Lb., 95c.**

Permanent Grass Seed**For Golf Links, Tennis Courts, Polo Grounds, Etc.**

We have devoted much attention to the seeding and preservation of golf links, tennis courts and polo grounds, and offer the following mixtures, which have been used on many of the finest links, etc., in this country, with very satisfactory results. Bags at cost and transportation extra. Prices subject to market fluctuation during the season.

Golf Links Fair-Green Mixture

For the grounds in general. Made up from varieties of grasses perfectly adapted to rough usage. Will produce a beautiful, thick, tough lawn in a short time, and will maintain its appearance better than others, in spite of wear and dry weather. For Golf Links this mixture is equal if not superior to many golf link grasses now in use. **10 lbs., \$5.25; 25 lbs., \$12.50; 100 lbs., \$45.00.**

Putting-Green Mixture

Our own special formula as furnished all the leading Golf Clubs in America. A mixture of highest grade grasses, that will make a close, firm, green and lasting turf, which will improve with tramping. **5 lbs., \$4.00; 10 lbs., \$7.50; 25 lbs., \$18.00; 100 lbs., \$70.00.**

Polo Grounds Mixture

A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage. No better mixture can be procured for this purpose. **25 lbs., \$11.00; 100 lbs., \$40.00.**

Tennis Court Mixture

A mixture of extra fine grasses peculiarly adapted to Tennis Courts. This mixture will make a firm, green and lasting turf of the finest texture, that will improve with the tramping it receives. Has proved very lasting wherever used. **5 lbs., \$3.25; 10 lbs., \$6.00; 25 lbs., \$14.00; 100 lbs., \$55.00.**

Pulverized Sheep Manure**FREE OF WEEDS**

Use Pulverized Sheep Manure, in addition, on land which is sandy, poor, and deficient in humus, at the rate of two tons per acre or two pounds to each 25 square feet—you may with safety dig in sheep manure in larger quantities. For nourishing established lawns, one-half the above allowances may be used. **Lb., 15c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 500 lbs., \$15.00; ton, \$50.00.**

General list of Fertilizers on page 67.

Cyclone Lawn Grass**Seeder**

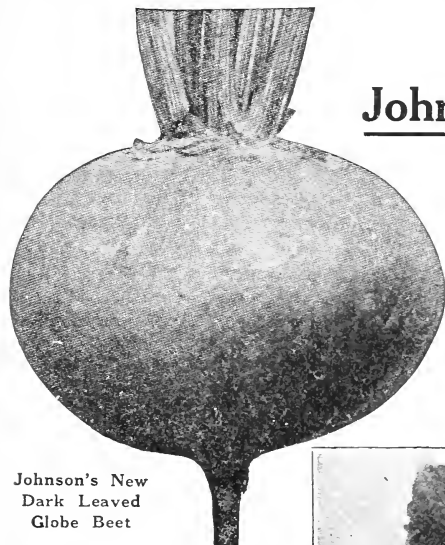
One of these broadcast Seed sowers should be owned by every home owner with a fair sized lawn. Spreads Lawn Seed evenly and quickly. Used by all large estates. **Each, \$2.25.** By mail add 20c for packing and postage.

Johnson's Seeds that Produce

**Of Strong
Vitality and
Choice
Selected
Strains**

IN THIS CATALOG we quote all of the standard and most productive varieties of Vegetable and Flower seeds for Home and Market Gardening, as well as most of the "worth while" newer sorts. **Prices Include Postage** on packets, ounces, quarter pounds and pounds. **It is Our Aim** to handle only reliable stocks such as are true to name and have been tested for germination. We cater to Planters who are willing to pay a fair price for stocks of unequalled quality. **Order Early.** It is to your interest as well as ours.

**Our Prices are
as Low as
Possible, Con-
sistent with
High Quality**



Johnson's New
Dark Leaved
Globe Beet

Long Season Beet

**Tender and Delicious the
Whole Season Long**

If you want a beet that will remain tender and sweet all summer long and well into the winter, try the "Long Season."

This is the best table beet we have ever eaten. It makes no difference whether the beets are young or old, small or large, they are always tender and good.

This beet grows slowly and should not be depended upon for early use. But when the early beets are tough and poor the Long Season will be found to be of the finest quality, being even more tender than the young early beets. They remain in perfect condition all the rest of the season and retain their fine quality when stored in a cold place for winter use. **Pkt., 10 cts.** See page 12.



Long Season Beet

Sutton's Masterpiece Bean for Forcing

This bean originated in England, where special attention is given to growing in the greenhouse, and it is a splendid variety for that purpose. The plant makes a healthy growth and produces an abundant crop of large green pods, which are remarkably straight, broad, thick and of excellent quality. We consider this the best variety for growing in the greenhouse, as it is a fast grower and matures the crop at an early season. **Pkt., 15c; 1/2 lb., 60c; 1 lb., \$1.00; 2 lbs., \$1.75.**

Vegetable Specialties

Johnson's New Dark Leaved Globe Beet

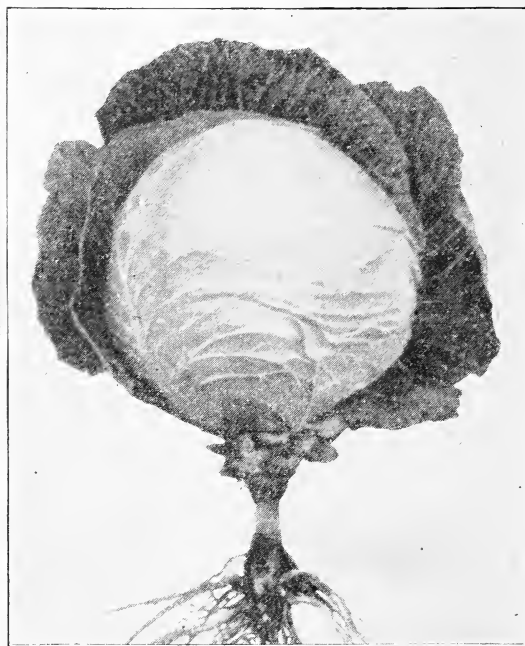
A splendid type of the blood-turnip variety, combining fancy table quality with beautiful globe shape. The dark foliage of this variety is a striking feature, while the corresponding rich, dark color of flesh and beautiful globe shape combine to make it an exceedingly attractive Beet. The quality is sweeter and finer than any other Beet we know of. **Pkt., 10c.** See page 12.

New Extra Early Cabbage Golden Acre

Johnson's New Golden Acre excels the Copenhagen Market in earliness, as it matures in only eighty (80) days from date of sowing, and no other Cabbage of which we know has proven as early.

Johnson's New Golden Acre matures about a week sooner than our stock of Copenhagen Market Cabbage and our stock of the latter is now generally conceded to be the only one still as early as when introduced. **Johnson's New Golden Acre** begins to form heads as soon as the leaves have reached only the size of a saucer and the growth may be observed almost from day to day.

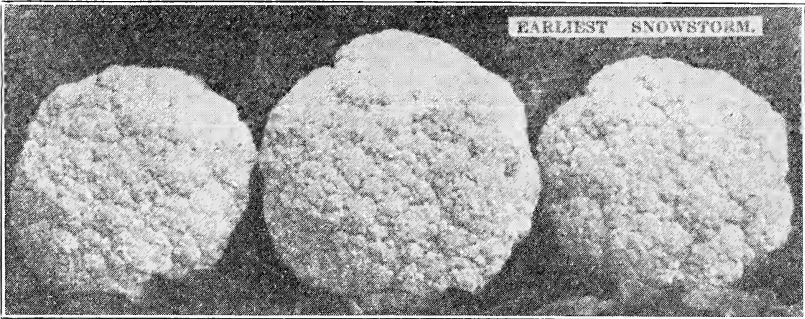
The heads measure nine (9) inches in diameter, or just a little less than the Copenhagen Market. The plant occupies a space of only twenty (20) inches. **Pkt., 15c; 1/2 oz., 60c.** See page 14.



New Golden Acre Cabbage

Johnson's Earliest Snowstorm Cauliflower

Snowstorm is the very best and earliest strain of Cauliflower on the market for forcing. It is a dwarf variety, with short outer leaves, and can be planted close, 2 feet apart eachway. It always makes a fine, large and exceedingly beautiful snowy white head, much earlier than any other variety. **Pkt., 50c.** See page 15.



Johnson's Verifirst Sweet Corn

(See cut)

This new corn is so early that in a comparative test beside ten of the earliest sorts on the market, we found none to come within five days of being ready so soon for table use. It is a real acquisition for those who wish the earliest maturing sort either for home use or the market. Nothing that we know of can approach it for earliness, hardness and delicious flavor. **Pkt., 15c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 85c; 5 lbs., \$2.00.**

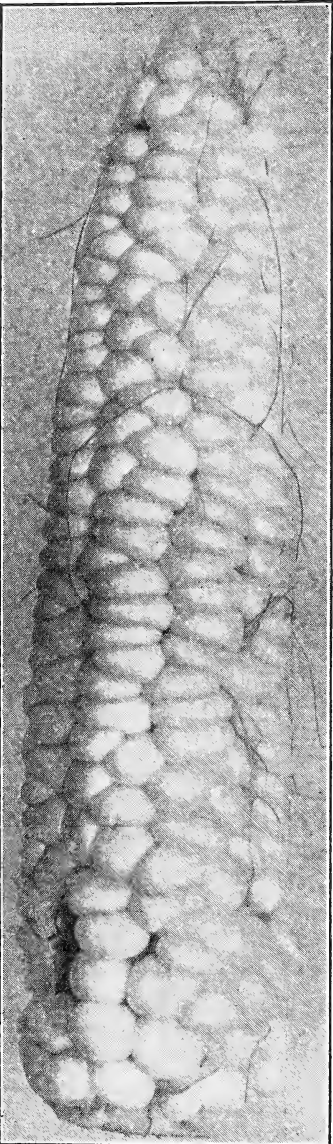
Johnson's New Golden Standard Sweet Corn

(See cut)

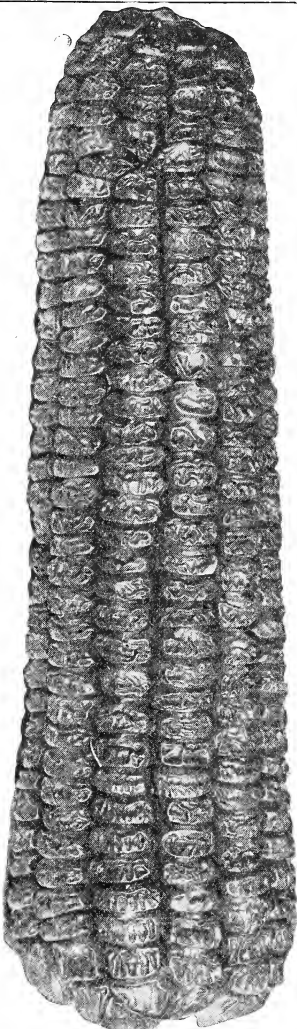
This splendid new Sweet Corn is almost identical with De Lue's Golden Giant, but we believe it is slightly larger and fully equal in quality. It is a cross between Golden Bantam and a large white sort, thus combining the rich buttery flavor of Bantam with the size and tenderness of the longer white parents. Planted in spring at same time as Bantam, the new Golden Standard will just follow the former in being ready for table use. For later successions we recommend using the New Golden Standard altogether on account of its larger size. **Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 10 lbs., \$3.00.**

Johnson's New Extra Early Coreless Carrot

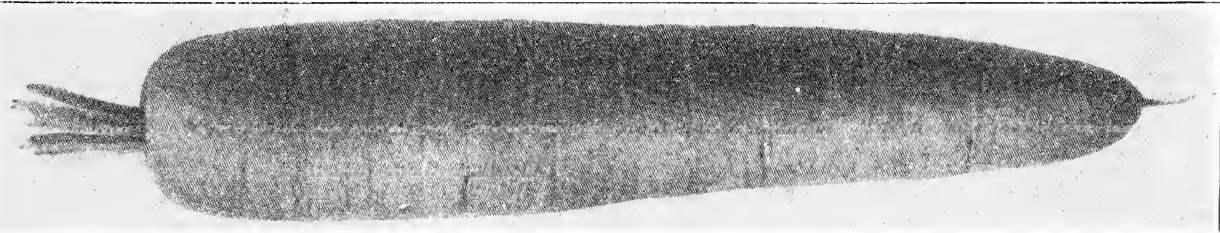
A very fine variety for table use. The carrots are very tender, of mild pleasant flavor, and without any hard core as in some varieties. The shape is ideal for a table carrot, being practically the same size from crown to bottom. The roots grow to a medium size, are very smooth, and of a deep orange-red color all through. The carrots grow rapidly and are excellent for use, when either young or full grown. **Pkt., 10c; oz., 20c; ¼ lb., 60c.**



Johnson's Verifirst Sweet Corn

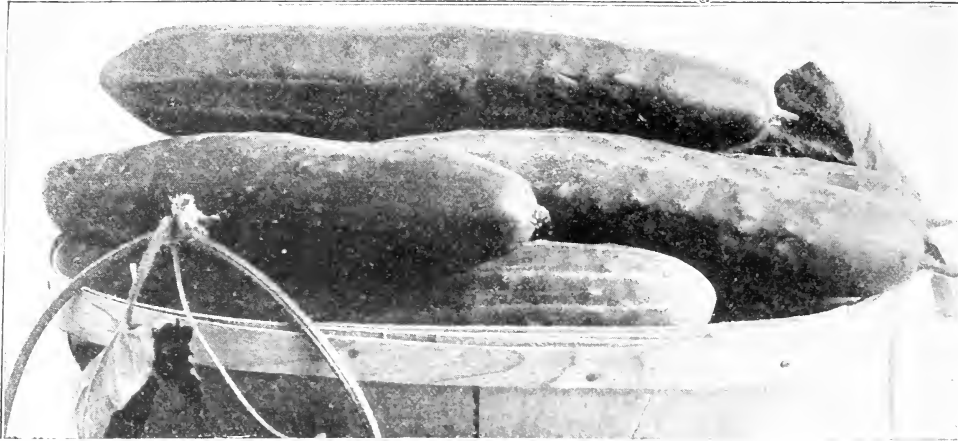


Johnson's Golden Standard Sweet Corn



Johnson's New Extra Early Coreless Carrot

JOHNSON'S SELECTED DAVIS PERFECT CUCUMBER



Johnson's Selected Davis Perfect Cucumbers

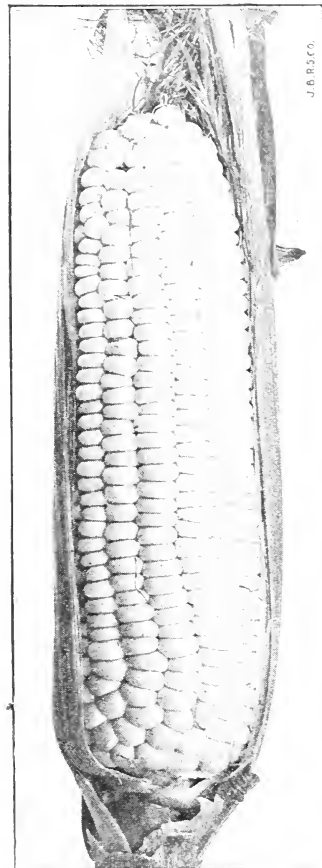
We have spent many years in working up a very fine strain of Davis Perfect in which fine length, slimmess, beautiful dark green color, transparent-like flesh with deliciously cool refreshing flavor, and enjoyable crispness, are distinguishing features and qualities of this, the most popular of the extra long white spine cucumbers. For indoor, and outdoor planting it is most popular. Its extremely vigorous growth makes it the best blight resister of the long sorts. **Pkt., 10c; oz., 20c; ¼ lb., 60c.**

Whipple's Large Early Sweet Corn

A Splendid Sort to Follow Johnson's Verifirst. See page 5

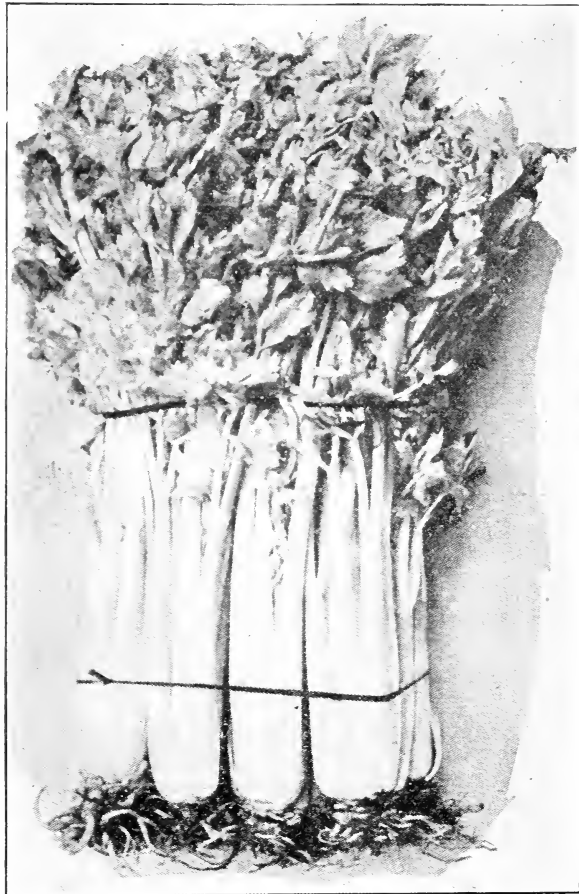
This is a wonderful new early sweet corn. It matures as early as the small-eared early kinds and has ears that look like Evergreen.

The ears have 16 to 20 rows of kernels, which are deep and rather narrow.



Whipple's Early Sweet Corn

They are tender, very sweet and delicious. No other early white corn is of such fine quality. The ears are just the right size to serve on the cob, and we are sure this new corn will become very popular with hotels, clubs and restaurants. The ears are 7 to 8 inches long and very large around, as they have 16 to 20 rows of good sized kernels. Each ear is filled right to the tip. The ears look like Evergreen of a fine strain, yet they mature two to three weeks earlier. More than half the stalks have two good ears of almost exactly the same size. The yield per acre is therefore very large. This corn matures only a few days later than Johnson's Verifirst. It will be like having Evergreen corn two weeks earlier than other people, and getting nearly twice as many dozen per acre. We advise all our customers who raise sweet corn to try this new variety. It will prove profitable we are quite sure. This is also a desirable variety for the home garden, as the quality of this corn is very fine, being tender, sweet and delicious. **Pkt., 10c; ½ lb., 25c; 1b., 40c; 2 lbs., 75c; 10 lbs., \$3.00.**



New Golden Plume or Wonderful Celery

New Golden Plume or Wonderful Celery

It is the consensus of opinion of Government and State Authorities as well as the practical market gardeners and celery growers of the country, that this variety of Celery is the best golden self-blanching type yet produced here or abroad. It matures two to three weeks earlier and blanches in half the time of the old self-blanching strains. It has a large, generous, fast-growing heart, is crisp, free from stringiness and attractive in appearance, has a broad well-formed stalk with probably a larger percentage of edible celery than any other variety. Its height is such that it does not overtop the average crate which makes it ideal for shipping without damage to the foliage. Our seed is produced from originator's stock. **Pkt., 25c.** See page 15.

Extra Early Lake Champlain Muskmelon

This Wonderful New Muskmelon Produces Most Delicious Fruit 57 Days from Planting

Lake Champlain is a medium sized melon, nicely netted, flesh deep, sweet and melting, of golden yellow color. The plant is very vigorous and healthy, setting and ripening melons even under adverse conditions, which totally destroyed other varieties. It is a marvel of productiveness. Another year has added to the popularity of this great melon.

The originator of this variety, writes as follows: "It blossoms when the vines are less than 12 inches long, and sets its fine healthy first crop of 8 to 10 melons right around the roots. While these extra early fruits are ripening, the vines continue to grow in length, and they in turn produce another and sometimes a third setting of fine fruits—making it not only the very earliest variety, but a continuous producer. No other melon except the Lake Champlain amounted to enough to interest melon growers. Most of them had a complete failure. Our melons were high quality as usual, and drew melon fanciers from all cities within 70 miles."

Being a marvel of earliness, productiveness and quality, it will at once prove profitable to either the home or market gardener. **Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00.**

Bender's Surprise Muskmelon

We do not know of any large muskmelon or canteloupe quite equal to the Bender melon. It has exquisitely fine flavor; it grows to a large size and the melons are very firm and keep for a week after being picked.

The Bender melon ripens medium early. In a favorable season if planted in the open ground the middle of May, the melons will ripen the last of August.

Mr. Bender's melons have a wide reputation for high quality among clubs and the best hotels. The seed was never offered by any dealer for a long time, but the public now has an opportunity to get seed that is of the genuine Bender strain which we have grown and selected a number of years.

The flesh is deep orange colored, very thick, deliciously sweet and of high flavor.

The melons are of oval shape, light green with coarse netting. When ripe the melons turn a golden tint which shows through the netting and gives the fruit a very attractive appearance.

The size of the melons averages quite large, many weighing 10 pounds. We have had melons that weighed 16 pounds each.

A valuable point about these melons is that they will keep in good condition five or six days after picking, and actually improve in flavor during that time. The flesh is so firm and thick that the melons remain firm and in good condition much longer than other large melons of this class. For market and shipping this is an important consideration.

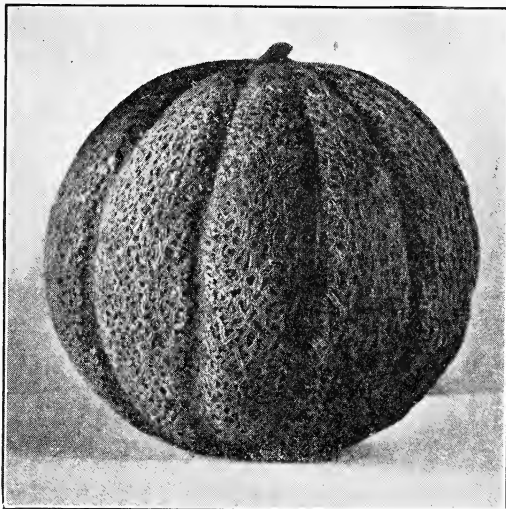
We offer seed of our own growing, and of a very fine selected strain. **Pkt., 10c; oz., 25c; ¼ lb., 55c; lb., \$3.00.**

Johnson's Bouquet Parsley



Johnson's Bouquet Parsley

This New Parsley is so beautifully curled and crested that we have felt justified in calling it "**Bouquet**." Without doubt it is the most ornamental variety grown—and hence for garnishing has no equal. It is of dwarf, compact habit of growth, and its color is a most pleasing shade of green. **Pkt., 10c; ½ oz., 25c; oz., 45c.**



Lake Champlain Muskmelon

BENDER'S SURPRISE



Bender's Surprise Muskmelon

Harris' EARLY GIANT Pepper

The Earliest and Most Prolific Large Pepper

A **very large** new pepper that is not only early and very large, but yields large numbers of peppers on every plant. Hitherto all large peppers have been late and did not yield well in the North. By careful breeding a really remarkable result has been attained.

Harris' Early Giant has fruit that stands 5 in. high and 4 in. across. 21 peppers fill a 14 qt. basket and 45 completely fill a bushel crate. It is larger than Ruby King and Giant Crimson and a week earlier and much more prolific.

On a great many plants there are 10 to 12 large peppers and 8 or 10 smaller ones at one time. The yield is, therefore, immense.

Harris' Earliest pepper has been popular with gardeners ever since we introduced it 10 years ago, and it will still continue to be grown in preference to all other kinds by people in the North who want extreme earliness and large yields and do not care for extra large size. **New Early Giant**, however, has much larger peppers and is only a week or ten days later. The plants grow 18 in. to 2 ft. tall and produce such a large number of big peppers that there is hardly room for them on the plant.

Gardeners who want big peppers and lots of them should try the new variety. **¼ oz., 60c; oz., \$2.00.** Any larger quantity will be supplied at the same rate, \$2.00 per oz.

Delicious Green Peas From June to August



New Extra Early Eight Weeks Peas

Do You Know This Secret? Do you know how to avoid the usual disappointment of poor quality peas after mid-July? It is easy to get big crops of luscious juicy Peas in steady succession even up to late August.

Instead of planting only one variety at intervals of 2 or 3 weeks use the following selected varieties and plant all at one time in early spring. This will allow a good root system to develop before hot weather comes. The varieties will bear in the order shown below, beginning about June 20 and keep up a steady succession until late August.

Johnson's New Extra Early Eight Weeks Peas

The earliest of all Peas and of exceptionally good quality for a smooth-seeded variety. Some people plant this variety exclusively, making successive plantings as the season advances, as they have found that it will give a larger yield on a comparatively small space of ground than any other sort. The vines grow 10 to 15 inches high, depending on soil and season.

Early Eight Weeks is a vigorous grower bearing loads of good-sized pods, well-filled with Peas that surpass in quality any of the older extra-early varieties. Pkt., 15c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.75; 10 lbs., \$3.00.

Johnson's New Hundred Fold Peas

The Best Early Dwarf Wrinkled Pea

The New Hundred is unequalled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large, deep bluish green pods. The pods measure 4 to 4½ inches long and are tightly packed with 8 to 10 large, deep bluish green peas. Thousands of our customers would not grow any other variety of peas because they know that The New Hundred cannot be excelled in quality and yield by any other dwarf pea. Our stock is extra fine. Pkt., 15c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 95c; 5 lbs., \$2.25. 10 lbs. or more, at 35c per lb.

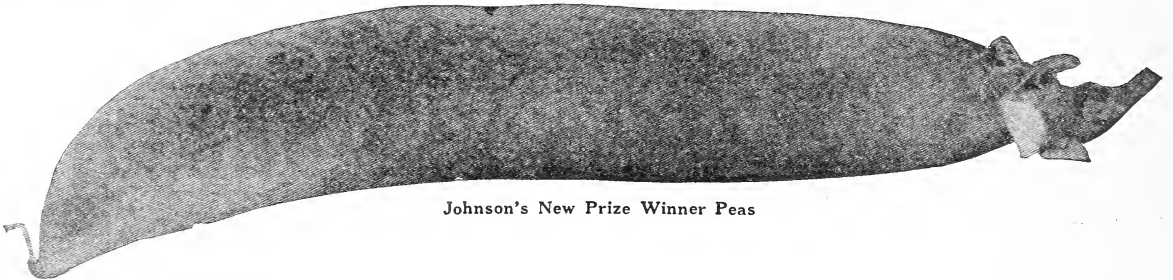


Johnson's New Hundred Fold

Johnson's New Prizewinner Peas

The Most Superb Table Quality

Johnson's New Prizewinner Pea produces its pods, which are of a rich dark green color, in 68 days from planting. Pods often measure 6 inches in length, and contain from 9 to 11 peas of enormous size, and of most tender and delicious quality. The growth is strong and healthy—about 20 inches high. It is astonishingly productive, and no variety we know of will produce more pods or shell out in greater abundance. The color of foliage and pod is so unusually dark and healthy that it is always noticeable. No lover of peas should fail to grow some of these. Large pkt., 15c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.75; 10 lbs., \$3.00.



Johnson's New Prize Winner Peas

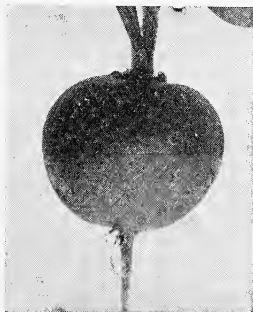
Johnson's First in the Market Cucumber

For over thirty years we have been selecting and breeding up this type of extra early White Spine—the object being to get perfect fruits of "slicing" size into the market at earliest possible date. The color is an attractive dark green and the table quality is unsurpassed. The vines are of vigorous growth and produce abundantly making them most profitable, both for the earliest "slicers" and when planted in June or July for pickles. When ready for slicing they run from 6 to 8 inches long, very straight and full and tapering abruptly at both ends. This sort is not only very desirable for market gardeners in the north but is much in favor in more southern localities for early shipment to northern markets.

We take special pride in this variety and can highly recommend it. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1b., \$1.50.



Johnson's First in Market Cucumber

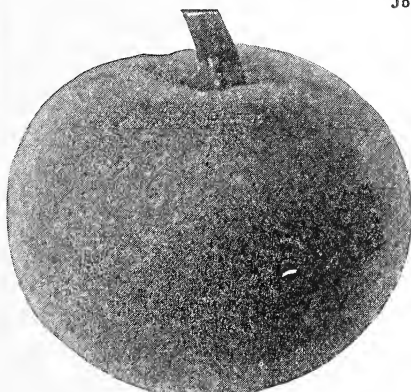


New Saxa Radish

Johnson's New Saxa Radish

The Quickest Growing, Round Red Sort

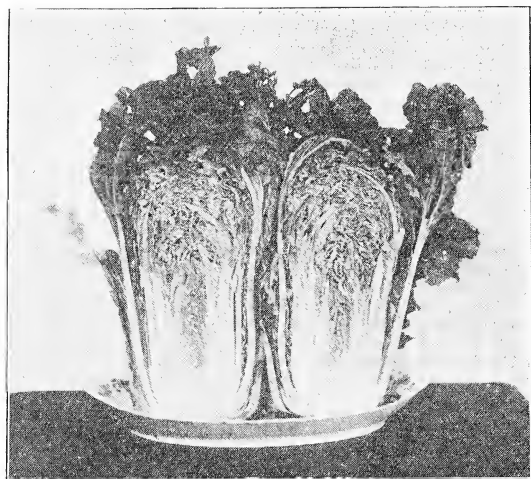
This desirable, quick growing, red button radish produces its crop in 16 to 20 days. Round as a marble having a very small top and tap root. The skin is a bright scarlet color, with firm white flesh, which is crisp, brittle and juicy. Adapted for forcing or outdoor planting. Pkt., 10c; oz., 20c; ¼ lb., 60c.



Pumpkin Winter Luxury

Pumpkin Winter Luxury

Rich, Sweet Flavor. Makes Good Pies Without Eggs. The color of the skin is similar to that of the Golden Russet Apple. Flesh yellow and very thick. Quite early, surprisingly productive, and a rapid and hardy grower. The very finest for pies, making good ones even when eggs are not used. Size, 8 to 10 inches in diameter. Large pkt., 10c; oz., 15c; ¼ lb., 45c.



Wong Bok Celery Cabbage

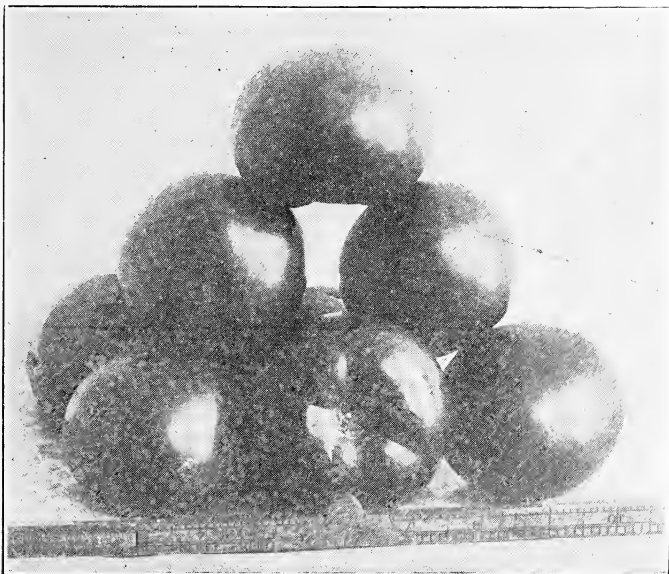
Chinese Wong Bok Cabbage

Our **Wong Bok Celery Cabbage** is fairly leaping into popular favor. It is by far the best of its class—being shorter, heavier, and blanching up more easily and completely. The leaves of this sort are more curly than others, which proves its tenderness and rich but mild cabbage flavor. Cultivation same as for Cabbage. It is tender as head lettuce and delicious for salads, cold slaw, etc., and when cooked quickly is far ahead of ordinary cabbage. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

New Extra Early Wayahead

Tomato

Extravagant claims have been made for many different selections of Early Tomatoes, but even the best of them produce but one good picking. We are particularly gratified, therefore, in being able to offer our customers this year, for the first time, a distinct new type which has all the good qualities of Earliana and is, in addition, extra-hardy, vigorous, disease-resistant and a heavy producer, continuing to bear long after the first picking is taken off. The most distinctive feature of **New Wayahead Tomato** is its foliage, which is of the potato-leaved type, a characteristic that has always been associated with unusual vigor and resistance to blight, etc. The fruits are of good size, smooth, solid, bright red and of fine quality. **New Wayahead Tomato** will ripen as early if not a few days earlier than Earliana and is, therefore, the earliest Tomato in cultivation. Pkt., 15c; ½ oz., 40c; ¼ oz., 70c; oz., \$1.25; ¼ lb., \$4.00.



New Extra Early Wayahead Tomato

Johnson's Vegetable Seeds

For Home and Market Gardens

ASPARAGUS

(SPARAGIO—SZPARAGI)

One of the finest and most delicious vegetables in spring. No garden is complete without an Asparagus bed. Can be grown in any good garden soil and prefers sunny, moist location. **Cultural Notes** on Asparagus free on application.

Early Argenteuil. Very popular in France, and extensively grown for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each.

Palmetto. Early and uniform, producing stalks nearly an inch in diameter but tender and delicious.

New Washington Rustproof. Produces large straight shoots, dark green in color. The tips are tight and firm and do not begin to open out until well out of the ground making the finest kind of Asparagus for both market and home. Those who desire to save time in bearing will do well to order our strong two-year-old roots instead of seed.

Asparagus Roots.

See below.

ARTICHOKE

(ARTICIOCCA—KARCZOCHY)

Large Globe. (Seed.) The flower heads are cooked like Asparagus. Will flower first year if sown early. Sown in June will flower following year.

BEANS---(Bush)

Wax or Yellow Podded

(FAGNOLI—FASOLA)

Culture. Bush Beans may be had throughout the season, by planting at intervals of two weeks, from the beginning of May until the middle of August; they should be planted in drills, two feet apart, one seed every four inches covered one inch deep.

Improved Golden Wax. Counted by many to be superior to all others, especially for the home garden. This bean, introduced in 1876 still continues the standard variety for home use. The pods are long, nearly straight, broad, half-round, golden-yellow, very fleshy and wax-like. They cook quickly as snap beans and are of the highest quality.

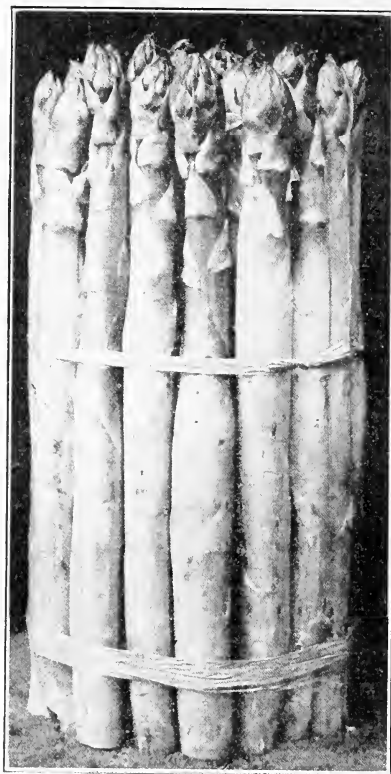
Unrivalled Wax. This excellent sort produces an enormous crop of pods in about 33 days, on a small, vigorous-growing, dwarf plant. The pods are about 5½ inches long, semi-flat, fleshy, of fine texture, and excellent flavor. They remain in good condition for a long time. Color of pods a beautiful light yellow and almost transparent. The dry Beans are light brown in color.

Cracker Jack Wax. A high-quality, flat-podded, stringless early variety. Pods 6 to 6½ inches long, quite broad and uniformly curved, fleshy, stringless and brittle, with little fiber. Plant vigorous and productive. Color of pod is a decided bright yellow. Seed yellow, kidney shaped.

Wardwell's Kidney Wax. A very popular variety of Wax Bean, bearing long, flat pods of a delicate waxy yellow, stringless and brittle, producing a heavy crop. The pods mature a little later than Golden Wax, but are produced in great abundance.

Sure-Crop Stringless Wax. A valuable variety of Dwarf Wax Bean, which while not related to the well-known Currie's Rust-Proof Wax, bears a great resemblance to it in plant and seed. It is very productive, bearing large, handsome golden yellow pods in great abundance.

Pencil-Pod Black Wax. (Cylinder Pod.) Dwarf bush growth and very prolific, one of the earliest. Pods four to five inches in length, quite round; meaty, brittle, and stringless; deep golden yellow; of excellent flavor.



New Washington Rustproof



Unrivalled Wax Beans

ARTICHOKE	Oz.	¼ lb.	Lb.
Large Green Globe...	\$0.40	\$1.10	\$4.00
ASPARAGUS			
Early Argenteuil ....	.10	.30	1.00
Palmetto .....	.10	.30	1.00
New Washington Rustproof .....	.70	1.90	7.00
ASPARAGUS ROOTS			
Early Argenteuil	\$0.30	\$1.60	\$12.00
Palmetto .....	.30	1.60	12.00
Washington .....	.75	3.50	16.00
DWARF WAX-PODDED BEANS			
	Pkt.	Lb.	2 lbs.
Brittle Wax	\$0.10	\$0.35	\$0.65
Cracker Jack Wax ..	.10	.35	.60
Currie's Rustproof ..	.10	.35	.65
Davis Kidney Wax ..	.10	.35	.65
Golden Wax Improved .....	.10	.35	.65
Hodson Wax .....	.10	.35	.60
Pencil-Pod Black Wax .....	.10	.35	.60
New Kidney Wax ..	.10	.35	.65
Sure-Crop Wax ..	.10	.35	.65
Unrivalled Wax ..	.15	.40	.75
Wardwell's Kidney ..	.10	.35	.60

BEANS

Green Podded Bush Varieties

Earliest Red Valentine. This variety is usually ready to pick in 35 days from time of planting.

Black Seeded Valentine. This variety is valuable because it withstands considerable cold damp weather and hence may be planted very early. The pods are round, very fleshy and entirely stringless.

Bountiful. This one is the best of the flat-podded stringless varieties. The light green pods are 6½ to 7 inches long, flat, slightly curved, absolutely stringless, attractive and of very fine quality. At the same time it is very early, vigorous, hardy and a heavy yielder.

Giant Stringless Green Pod. This Bean is absolutely stringless. Fine large round fleshy tender pod. As early as Six Weeks, with the advantage of being a better cropper. The plants are of strong growth, very productive, pods 5 inches long, light green, slightly curved, very meaty, being broadly rounded, saddle backed and absolutely stringless.

Refugee, or Thousand to One. Very tender and productive. Splendid for late planting.

Burpee's Stringless Green Pod. This Bean is very early, productive, hardy and vigorous; the pods average about 5 inches long, straight, stout, round, crease-backed, and of a dark green color. They are tender, brittle, of the finest flavor and quality, and strictly stringless.

English Broad Windsor. Large and productive, bushy habit; well podded from top to bottom of stem.

Dwarf Horticultural. (Roma.) The young green pods are tender and of good flavor, slightly curved, 5 inches long, colored greenish yellow, speckled with carmine.

Full Measure. A fine stringless, early, medium green, high quality bean. Pods straight, 6 inches long, very fleshy, round, crease-backed and showing depressions around the beans. Season with Burpee's Stringless. Seed bean much resembles Red Valentine.

Baking Varieties

Red Kidney. This variety is extensively used by many people for baking. We have a prolific type that is very desirable.

White Kidney. Excellent shell Bean.

Improved Boston Pea or Navy. Choicest Northern grown seed.

White Marrow. Fine early shell beans.

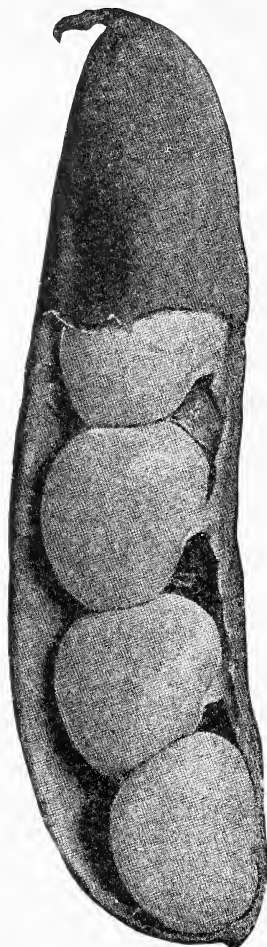
Bush Limas

Bush Limas may be planted in rows 3 feet apart and 6 inches distant in the row when soil is nice and warm.

Forkhook Bush Lima. Both Pods and Beans much larger than those of any other Potato Lima. Habit of plant a strong, erect, bush-like growth. Pods borne in clusters of from four to eight averaging four Beans to the pod. Exceedingly productive and of best quality. The best bush type of the popular Potato Lima.

Henderson's Bush Lima. This is a small white Lima Bean which grows in bush form and produces a large crop. The plants are very hardy, make rapid growth and are not so apt to throw runners as some of the other varieties of Bush Lima. It begins to set pods at an early season. Most exquisite table quality.

Burpee Improved Bush Lima. This is superior to any of the older forms of Bush Lima. Plant very vigorous and upright, attaining a height of 30 inches and 24 inches across. Pods often borne in clusters of five to eight and of enormous size. Beans are larger than those of any other variety; immensely productive and of the very best quality. Matures earlier than others.



Fordhook Bush Lima Bean

DWARF GREEN-PODDED BEANS

	Pkt.	Lb.	2lbs.	5lbs.
Black Valentine	\$0.10	\$0.35	\$0.65	\$1.50
Boston Pea .....	.10	.30	.55	1.25
Bountiful .....	.10	.35	.65	1.50
Burpee's Stringless .....	.10	.35	.65	1.50
Dwarf Horticultural ...	.10	.35	.65	1.50
Ex-Ey. Red Valentine..	.10	.35	.65	1.50
Red Kidney .....	.10	.40	.75	1.70
Full Measure .....	.10	.35	.65	1.50
Giant Stringless .....	.10	.35	.65	1.50
White Kidney .....	.10	.40	.75	1.70
Large White Marrow...	.10	.40	.75	1.70
Fordhook Bush Lima...	.15	.50	.90	2.00
Burpee Bush Lima.....	.15	.50	.90	2.00
Refugee or 1,000-to-1..	.10	.35	.60	1.40
Henderson's Bush Lima.	.15	.50	.90	2.00
English Broad Windsor..	.10	.50	.90	2.00

Johnson's Select Garden Roses

We specialize in supplying extra strong two-year-old plants that will give a full crop of flowers this season. They will be found on pages 48 and 49, comprising the choicest of the latest introductions as well as the best of the well-tried sorts including Hybrid-Tea, Hybrid-Perpetual, Hardy Ramblers, etc.

GARDEN GUIDE

A COMPLETE INEXPENSIVE BOOK on Vegetable and Flower gardening. We sold almost 300 copies of this most excellent little book last season and purchasers tell us it is just as complete as many of the more expensive publications. You will find it offered on page one.

Pole or Running Beans

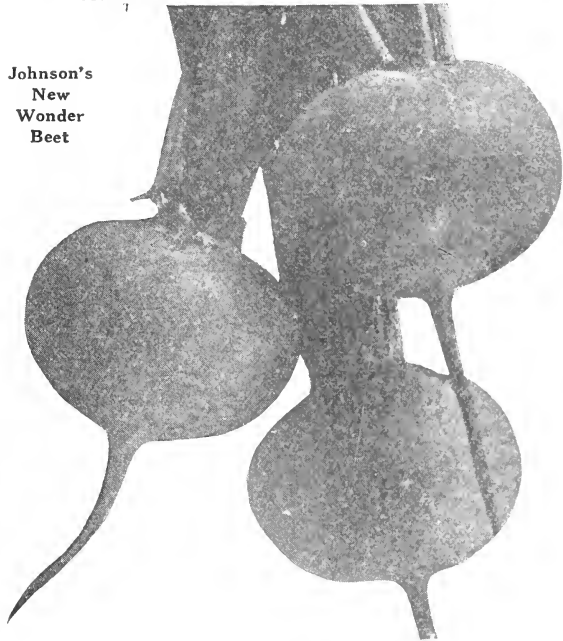
Culture. A warm, sandy loam, enriched with well rotted stable or poultry manure is best. Must not be sown until the ground is warm and dry. When poles are used for support they should be set not less than 4 feet apart each way. Plant 4 to 6 beans to a pole, eyes down 2 inches deep. When well started thin out to 2 plants to a hill. Cultivate freely, but shallow. Use 1 quart to 100 hills, 20 quarts to the acre.

Golden Cluster. One of the earliest wax Pole Beans. Vines large, strong, vigorous; pods 6 to 8 inches long in clusters, thick and fleshy; bright golden yellow. Dry Beans white and nearly round.

Kentucky Wonder or Old Homestead. Excellent flavor and enormously productive; entirely stringless and of a silvery green color. About ten days earlier than any other green-pod sort. Beans are rather small, oblong and of a yellowish-brown color. Pods are green.

Kentucky Wonder Wax. A yellow-podded "Kentucky Wonder," which bears a large quantity of rich golden yellow pods. The plant is exceedingly productive. Pods are thick, meaty, stringless, tender and of fine flavor.

Johnson's
New
Wonder
Beet



Swiss Chard

New Giant Lucullus. A delicious variety having green leaves which are remarkably crimped and curled like savoy-leaved cabbage.

Large-Ribbed White. This variety is largely grown for the broad white leaf-stalks which, when bunched and cooked in the same manner as asparagus, make a delicious summer vegetable.

POLE LIMA BEANS

	Pkt.	Lb.	2 lbs.	5 lbs.
Carpenteria	\$0.15	\$0.50	\$0.90	\$2.00
Early Leviathan .....	.15	.45	.80	1.85
Siebert's Early .....	.15	.45	.80	1.85
Giant-podded .....	.15	.60	1.10	2.50
King of the Garden .....	.15	.45	.80	1.85

OTHER POLE BEANS

Golden Cluster Wax .....	.15	.45	.80	1.85
Kentucky Wonder .....	.15	.40	.75	1.75
Kentucky Wonder Wax .....	.15	.45	.80	1.85
Scarlet Runner .....	.15	.45	.80	1.85

BEET

	Pkt.	Oz.	¼ lb.
Crimson Globe	\$0.10	\$0.20	\$0.40
Crosby's Egyptian .....	.10	.20	.40
Detroit Dark Red .....	.10	.20	.40
Johnson's Early Wonder .....	.10	.20	.45
Extra Select Eclipse .....	.10	.20	.46
Edmand's Blood Turnip .....	.10	.20	.40
Half-Long Blood .....	.10	.20	.40
Johnson's New Dark-Leaved Globe .....	.10	.20	.60
Long Smooth Blood .....	.10	.15	.40
New Long Season .....	.10	.25	.75

SWISS CHARD

Common .....	.10	.15	.40
Lucullus .....	.10	.15	.40

Pole Lima Beans

Giant Podded Pole Lima. The largest podded Lima in cultivation; extremely vigorous in growth, with dark green foliage and pods; mid-season. Pods measure about 7 inches long by 1½ inches broad and are borne in clusters of six to eight; beans extra large and of excellent quality. Undoubtedly the best of all the large-podded varieties.

Carpenteria Pole Lima. The most perfect pole Lima Bean in existence. The Beans have a greenish tint, an indication of good quality. The vines are vigorous and make strong growth, producing a large quantity of Beans in a large pod, which are thicker than the ordinary Lima and retain their color.

Siebert's Early Lima. The earliest of the Pole Limas.

Early Leviathan Lima. Extra early and very popular.

King of the Garden Lima. A popular sort for main crop.

BARBABIETOLA

GARDEN BEETS

BURAKI

One ounce will sow 50 feet of row; 7 pounds will plant an acre

For early supply sow as soon as the ground is in working order, in drills sixteen inches apart and one inch deep. When the plants are well up, thin to four inches. For succession sow until August 15th.

Johnson's New Dark Leaved Globe. This new Beet is recommended for table quality. (See Specialties, page 4.)

Crosby's Improved Egyptian. A very superior Extra Early strain of Garden Beet which has been carefully selected for years. This beet excels in handsome form, good size, small tops, very small tap root, fine quality, and above all quick, rapid growth. We highly recommend it.

Johnson's New Wonder. This Beet is the result of many years of expert selection with a special strain of Crosby's as a basis. In this new beet we have perfect form, small tops and tap root, beautiful color, and extra early maturity. For forcing and bunching it is unequaled by anything on the market while the rich color, tenderness and flavor of the flesh make it extremely desirable on the table.

Detroit Dark Red. One of the very best sorts for the home or market garden, and for canning purposes. Roots uniformly smooth, of medium size, and globe-shaped; skin dark red, flesh solid vermilion red; tops small, upright, dark green shaded red. Our special stock of this variety shows no white zones in the flesh.

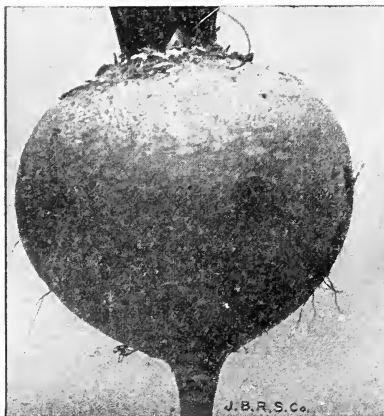
Extra Select Eclipse. Flesh deep blood red, firm and sweet.

Edmand's Early Blood Turnip. Good form, dark red, well flavored; a favorite for summer and winter use.

Long Smooth Blood. Withstands drought, very dark red.

Crimson Globe. Color is deep blood red; fine grained, and of unsurpassed quality. The foliage is small—leaves all grow from a very small crown in the top of the bulb.

Broccoli



Detroit Dark Red Beet

Hardier than Cauliflower

Culture. Should be treated the same as cauliflower, which it resembles. Grows larger and taller.

White Cape. The large white heads are handsome; of delicate cauliflower flavor. Matures its heads in 150 days. Pkt., 10c; ½ oz., 35c; oz., 60c.

Brussels Sprouts

Culture. Same as late Cabbage.

Half Dwarf Paris Market. A dwarf variety, producing numerous heads. Pkt., 10c; oz., 40c; ¼ lb., \$1.10.

Mangel Wurzel

Sow in May or June in drills 2 feet apart. When well started thin to 9 inches apart in the row. Cultivate shallow and often.

Golden Tankard. The root is quite large and of an almost cylindrical shape, narrowing abruptly at both ends. The skin is deep orange red.

Giant Long Red or Mammoth Prize. This is the largest of all the Mangels. The root is 15 to 18 inches long, over 6 inches thick, and with a heavy shoulder. It grows one-half above the ground and is easily pulled.

Giant Half-Sugar Rose. The root of this variety is very large, smooth, and clean, of oval shape, growing one-half out of ground and is easily pulled. The skin is rose white with a deeper rose-colored tip. A heavy cropper.

Sugar Beets

Vilmorin's Improved. The finest variety grown. Highest in nutritive value and in percentage of sugar. Very regular in shape; yields large crops and is recommended for moist soils.

CHERVIL

One ounce will sow 100 feet of row

Curled. The young aromatic leaves are used in soups and salads. Leaves are slight, bright green, crisp, curled, and very much divided. **Pkt., 10c; oz., 25c.**



Selected Danvers Half Long Carrots

CAROTA **CARROT** MARCHEW

One ounce will sow 100 feet of row;
3 pounds will sow an acre

Carrots, to grow to perfection, require a rich, deep sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about 1 foot apart, thinning out to 3 inches in the row; sow for main crops in June and July.

JOHNSON'S NEW EXTRA EARLY CORELESS. (See page 5.)

Nantes Half - Long Stump - Rooted. Adapted for frame use. The smooth root is cylindrical with blunt end and of a bright orange color. The flesh is red, sweet, mild, and almost coreless. Top is small and short.

Danvers Half-Long. This sort is slightly longer than Chantenay, growing 7 to 8 inches long, is square shouldered, tapering gradually to a blunt point. The root is smooth and handsome, of an orange-red color, with sweet, crisp flesh. For main planting it has no superior, and when sown during June, it may be relied on to produce the very best crop of roots to store for winter.

Chantenay Half-Long. A medium-early, half-long, smooth, blunt-rooted sort of deep orange-red color and delicate flavor. As it has a small top, it is very popular for bunching and for frame use, allowing close planting. Shaped broadest at shoulder, tapering toward base and running suddenly to a point; the root averages 6 inches in length.

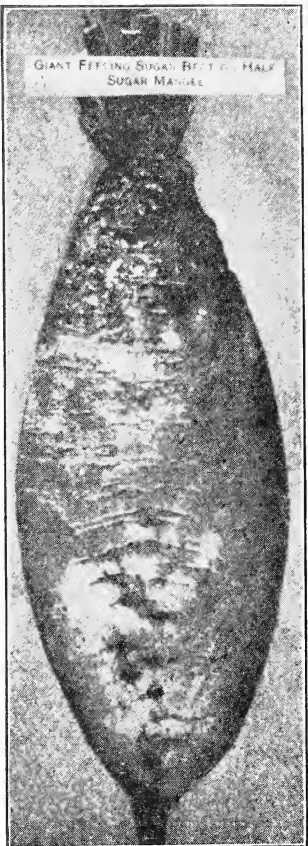
Selected Oxheart. Roots about 5 inches long and 4 inches thick.

Early Scarlet Horn. Especially fine for bunching early in season, about 3 inches long.

Improved Long Orange. Very popular for main crop; heavy yielder.

Improved Rubicon. This beautiful half-long stump-root Carrot is the result of careful breeding. It grows about the same length as the well-known Danvers, but thicker, and is of a rich dark orange in color, but about same length.

Large White Belgian and Large Yellow Belgian. For feeding.



MANGELS AND SUGAR BEET

	Oz.	¼ lb.	Lb.
Golden Tankard			
Mangel	\$0.10	\$0.25	\$0.70
Giant Long Red			
Mangel .....	.10	.25	.70
Giant Half Sugar			
Mangel .....	.10	.20	.65
Vilmorin's Improved			
Sugar .....	.10	.20	.60

CARROT

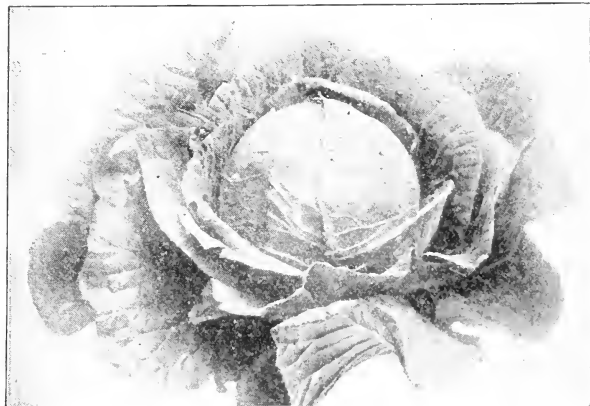
	Pkt.	Oz.	¼ lb.	Lb.
Chantenay .....	.10	.20	.50	
Johnson's New				
Coreless .....	.10	.20	.60	
Danvers .....	.10	.15	.40	
Early Scarlet Horn..	.10	.15	.40	
Long Orange .....	.10	.15	.40	
Nantes .....	.10	.20	.50	
Oxheart .....	.10	.15	.40	
Rubicon .....	.10	.15	.40	
White Belgian .....	.10	.30		



Select Chantenay Carrot

CAVOLA
CAPPUCCIO**CABBAGE** KAPUSTA**One ounce will produce 1,500 plants; ½ pound will plant an acre**

For very early use sow in January or February in hotbeds; prick out the plants into other hotbeds, or sow in hot beds in March. Transplant to the open ground when danger from killing frost has passed, in rows 2 feet apart and 18 inches from plant to plant. For succession sow in the open ground the last of March or early in April. The autumn and winter varieties may be sown early in May in shallow drills 3 or 4 inches apart; transplant early in July, making the rows about 2½ feet apart, and setting the plants 2 feet apart in the rows.

**Copenhagen Market Cabbage****Henderson's Early Summer.**

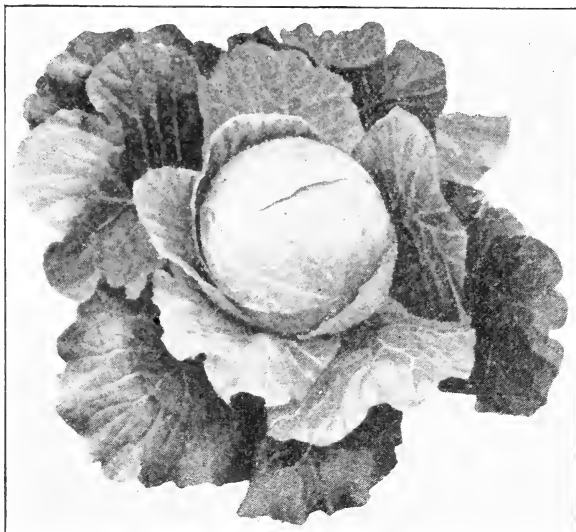
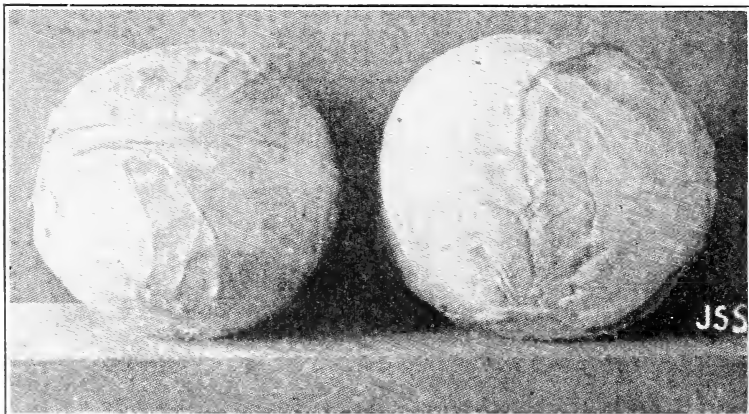
About ten days later than Jersey Wakefield; large, solid flat heads of superior quality.

Succession. About one week later than Early Summer, but is double the size; very uniform and a sure header. One of the finest mid-season Cabbages grown.

All Seasons. (Selected.) Whether for medium early, main crop or late use, this is unsurpassed by any other sort.

Mammoth Red Rock. The largest and most reliable heading red cabbage yet introduced; round, solid heads of deep red color.

All Head Early (The Faultless). As early as most of the early summer cabbage; the deep, flat heads are remarkably solid and uniform in color as well as in shape and size; makes a fine winter cabbage if sown late. Splendid sort for kraut making.

**Glory of Enkhuizen Cabbage****Danish Ballhead Short Stem Cabbage**

JOHNSON'S NEW GOLDEN ACRE CABBAGE. (See page 4.)

Charleston Large Wakefield. About one week later than Early Jersey Wakefield, but the conical heads are fully one-half larger.

Selected Early Jersey Wakefield. The most widely known and popular extra early variety, heads a broad cone shape and very solid.

Copenhagen Market. This most valuable early Cabbage from Denmark, produces a large globe-shape head, which comes into market along with Early Jersey Wakefield. It is well known that Denmark is a great Cabbage and Cauliflower country, and our seed comes direct from the originator. Produces fine, large heads uniform in shape and size and very solid, with few loose leaves. Vigorous grower and an excellent keeper.

NEW CHINESE CABBAGE, WONG BOK. (See page 9.)

Johnson's Premium Flat Dutch. Continued care and critical selection on the part of our grower have given us a very thoroughbred strain of this standard Cabbage. Our seed has come from the same grower for over 20 years.

Glory of Enkhuizen. (See cut.) Cabbage produces fine round, medium-sized heads. Very solid, with few outer leaves; tender and of fine flavor! Plants set out in mid-summer will produce fine heads before cold weather.

Perfection Drumhead Savoy.

For winter use, this variety is unsurpassed. The largest solid-heading Savoy, and has the rich flavor of the cauliflower. The plants are strong and vigorous, and withstand the ravages of the cabbage worm better than other sorts. This is the best kind of Savoy Cabbage.

Danish Ballhead Tall-Stem.

For late crop in a tall-stemmed, spherical, hard-heading variety it cannot be excelled. Two weeks later than Danish Roundhead, and size of head averages a little smaller.

Danish Roundhead (Hollander).

Short-stem. Matures ten days to two weeks earlier than Danish Ballhead; makes a larger head. Round, a short stalk, and very hard. Interior leaves pure white and of sweet flavor. Stands hot weather.

CABBAGE

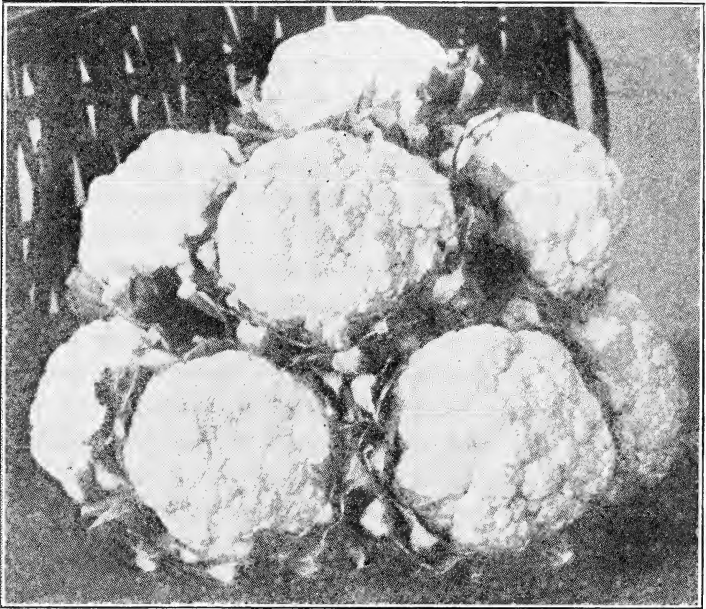
	Pkt.	Oz.	¼ lb.
All Head Early.....	\$0.10	\$0.45	\$1.25
All Season .....	.10	.40	1.10
Charleston Wakefield..	.10	.55	1.45
Copenhagen Market...	.10	.65	1.75
Danish Ballhead, Tall-Stem .....	.10	.55	1.45
Danish Roundhead, Short-Stem .....	.10	.60	1.65
Early Jersey Wakefield ..	.10	.55	1.45
Early Summer .....	.10	.45	1.25
Glory of Enkhuizen..	.10	.55	1.45
Hollander .....	.10	.60	1.65
Johnson's Golden Acre ..	.15	1.25	4.50
Mammoth Rock Red...	.10	.60	1.65
Perfection Drumhead Savoy .....	.10	.55	1.45
Savoy .....	.10	.55	1.45
Succession .....	.10	.45	1.25
Wong Bok, Chinese...	.10	.40	1.25

CAULIFLOWER

CAVOLOFIORE—KALAFIORY
One ounce will produce 1000 plants

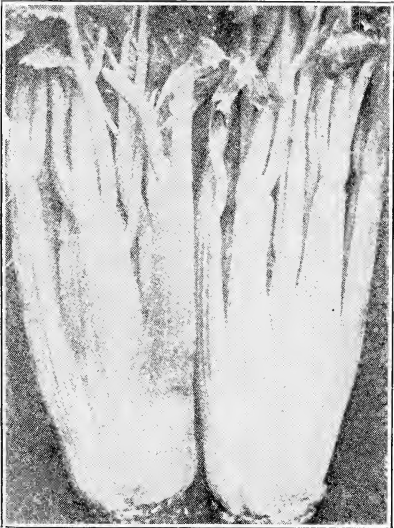
We challenge comparison of our Cauliflower seed with stock offered by anyone. It comes from the most reliable grower in Denmark and no expense is spared to get the best. Cauliflower succeeds well in any soil where Cabbage will grow. It delights in a rich soil and abundance of water. By sowing the early varieties in a hotbed in February or March, fine heads can be obtained in May or June. For a later supply sow seed in a prepared bed in May, choosing a cool, moist place. When large enough, transplant, making the rows about 2½ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

JOHNSON'S EARLIEST "SNOWSTORM." See page 5.
Johnson's Gilt Edge Snowball. For over fifteen years our growers have been selecting and breeding up our Gilt Edge Snowball to produce the best possible results for market gardeners' use. It is very early, of large uniform size, and as well adapted for late planting as for early. The heads are pure white and grow very solid and compact. The largest growers for the Cleveland market use this cauliflower exclusively. We recommend this as the very best variety for outdoor culture on account of its earliness, vigorous growth, handsome appearance and high quality. Its strong, vigorous constitution enables it to withstand weather conditions that would prove fatal to less hardy sorts.



Gilt Edge Snowball Cauliflower

Dry Weather or Danish Giant. A second-early sort adapted for growing in the open ground in localities which are subject to long, dry seasons. The heads are of medium to large size, pure white, and of fine quality.
Early Dwarf Erfurt. We recommend this for very early outdoor crop in spring, or for sowing in May for fall crop. The plant is vigorous and makes a strong, sturdy, dwarf, compact frame—a sure indication of sound, large heads. The flowers are large, even in surface, with a very fine "curd," and are well protected in shipping by the strong leaf-stalks.



New Easy Blanching

SEDANO **CELERY** SELERY

One ounce of seed will produce 3000 plants; ¼ pound will plant an acre
NEW GOLDEN PLUME OR WONDERFUL. See page 6.

New Easy Blanching. (See cut.) A new variety resembling Golden Self Blanching, but the leaves are green and the stalks blanch white instead of yellow. It is also more hardy and less liable to blight. Stalks are taller, but have the same form and heavy heart of the Self Blanching. While maturing about two weeks after that variety, it has the advantage of being an excellent winter keeper of the best quality. **Johnson's Private Stock. Choicest Pennsylvania grown seed.**

Golden Self-Blanching (Dwarf Strain). Originator's French Grown. Our seed of this variety comes to us every season direct from the originator in France, and our rapidly increasing trade is abundant evidence of its high quality. It is now the leading sort on all markets as an early celery. Rich yellow color. Dwarf, compact habit, and blanches readily.
Golden Self-Blanching (New Tall Strain). This differs from the dwarf stocky strain in that it has distinctive foliage, resists blight to a better degree, is more vigorous in all its parts, develops very rapidly and grows from ¼ to ½ taller. It blanches up very quickly, but the heart is slim and long, and of a fine white color. Early, but not a good keeper.

Columbia. A desirable early maturing variety, following in season Golden Self-Blanching, which it resembles in many respects. The stalks are of medium height, very thick, round and crisp, blanching to a light golden yellow. It is unsurpassed for its distinct, rich nutty flavor.

French Grown Giant Pascal. A compact, vigorous, productive variety, and fine for winter use; leaves upright, short, dark green; stalks short, thick, very broad. **French grown seed.**

Perfected White Plume. A very early, handsome variety; leaves light, bright green, easily blanched a beautiful silvery white.
Fordhook Emperor. Dwarf in habit, attains a height of 15 to 18 inches. Stalks smooth and thick. Color white with heart tinged yellow. Quality the finest.

Celeriac

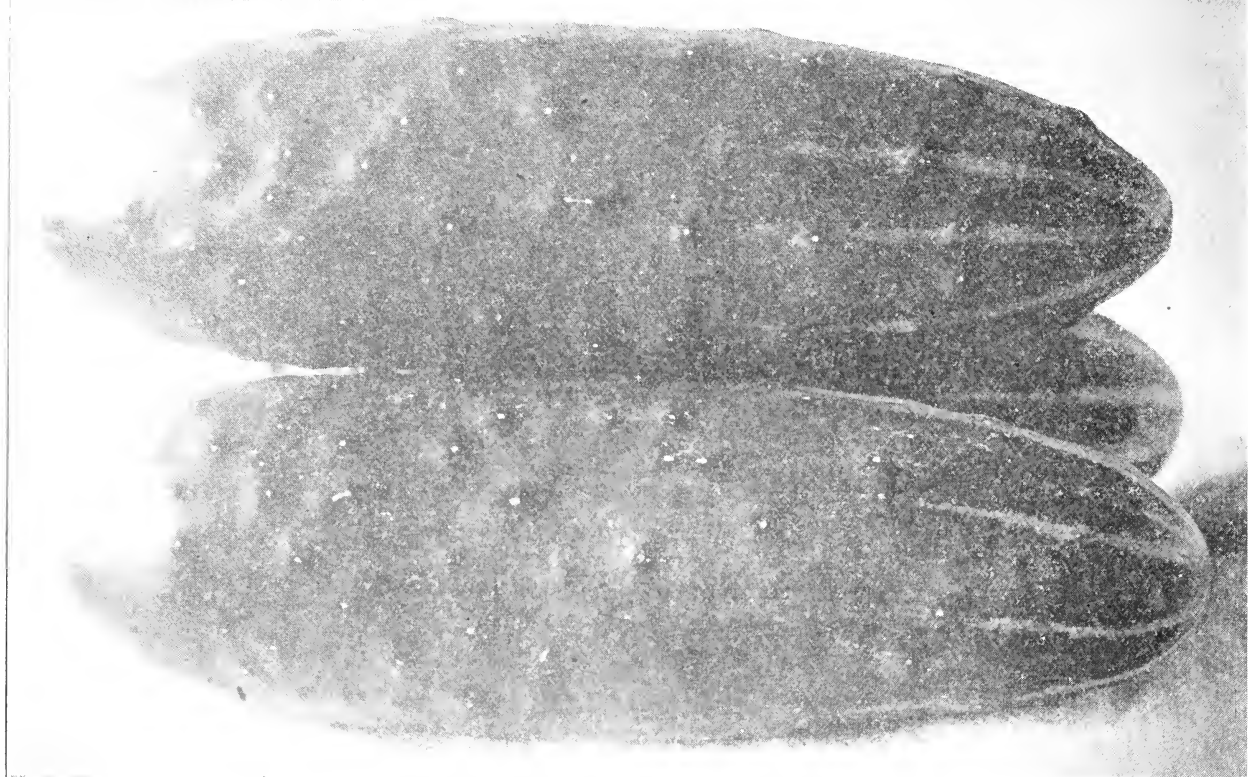
Giant Smooth Prague. Culture the same as for Celery, excepting that as the roots are the edible portion, it requires no hilling. Roots large, smooth, globular in shape. Flesh pure white, tender and of excellent flavor. The outer stalks are pulled and sold during the summer, which increases the size of the root or knob. **Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., \$2.50.**

CAULIFLOWER			
Snowstorm. See page 5.....	\$0.50	\$1.50	\$5.00
Gilt Edge Snowball.....	.25	1.00	3.50
Dry Weather.....	.25	1.00	3.50
Early Dwarf Erfurt.....	.25	.90	3.00
CELERY			
New Easy Blanching.....	.20	.75	2.50
Emperor.....	.15	.30	1.00
Giant Pascal (Special Strain)....	.10	.25	.75
Golden Plume.....	.20	2.00	7.50
Golden Self-Blanching (Dwarf) ..	.15	.40	1.25
Golden Self-Blanching (Tall) ....	.15	.40	1.25
Columbia.....	.10	.25	.75
Newark Market.....	.20	.60	2.00
White Plume.....	.10	.20	.55
Winter King.....	.10	.20	.65

CETRIOLO **CUCUMBERS** OGOREK

One ounce will plant 50 hills; 2 pounds will plant an acre in hills, 5 pounds in drills

JOHNSON'S PERFECT WHITE SPINE.



Culture. Flourish best in a rich sandy loam. Sow when danger of frost is over, in hills 4 to 5 feet each way. As the young plant has many enemies sow thickly half an inch deep, and thin out finally to three or four plants to the hill. Gather cucumbers by cutting, not by tearing. Leave none to ripen if you want a full crop. Use Slug Shot to keep down bugs.

Johnson's Perfect White Spine. The above illustration gives a strikingly correct representation of **Johnson's Perfect White Spine**. The vines are noted for vigorous growth from the start, enabling it to yield more fruit early in the season, and to withstand hot sun better than others. The fruits are of uniform size and are unexcelled for fine dark green color, which extends from stem to blossom end. This sort combines the dark green color of fruit, with surprising productiveness, to a degree unknown in other strains. At slicing stage the fruits are about 9 inches long by 2½ inches in diameter, tapering beautifully at each end.

Johnson's Selected Davis' Perfect. A long type of cucumber of rich, dark green color and handsome shape. Our stock is very select. See page 6.

Extra Long or Evergreen White Spine. Vines are of vigorous growth with large, heavy foliage, thus resisting attacks of insects, etc.

Early Fortune. Very popular strain of White Spine. Our seed is very select.

Boston Pickling or Green Prolific. The favorite for pickles. Rather short dark green.

Improved Long Green. For pickles.

Klondike. Most excellent for slicing.

Chicago Pickling. Medium size.

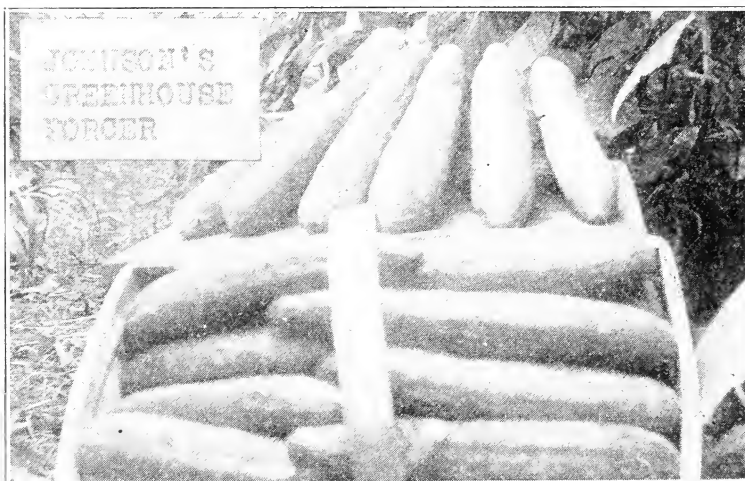
West India Gherkin. For pickling.

Telegraph. For forcing. Pkt., 25c.

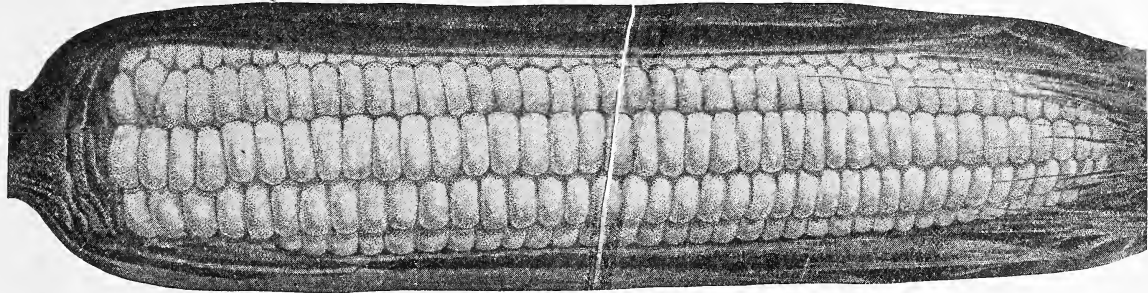
Carter's Model. For forcing. Pkt., 25c.

Johnson's Greenhouse Forcer. A wonderfully choice strain which has been selected and developed for many years especially for Greenhouse Forcing on a large scale. The fruits are remarkably uniform in shape and size, averaging about 14 inches in length. The color is a beautiful deep green, which is held for several days. Almost spinless, and is admirably adapted for packing in flats and baskets for the highest class of trade. Our seed is strictly Greenhouse grown by the originator. Pkt., 25c; ½ oz., \$1.25; oz., \$2.00; ¼ lb., \$7.00; ½ lb., \$15.00; lb., \$25.00.

CUCUMBERS	Pkt.	Oz.	¼ lb.
Boston Pickling	\$0.10	\$0.15	\$0.40
Davis Perfect .....	.10	.20	.60
Early Fortune .....	.10	.15	.40
Johnson's First in Market...	.10	.20	.50
Evergreen White Spine....	.10	.15	.40
Johnson's Perfect White Spine .....	.10	.20	.55
Johnson's Greenhouse Forcer .....	.25	2.00	7.00
Chicago Pickling .....	.05	.10	.35
Klondike .....	.10	.15	.40
Long Green Improved.....	.10	.15	.45
West India Gherkin.....	.10	.20	.55



Johnson's Greenhouse Forcer



Golden Bantam Corn

GRANO TURCO **SWEET CORN** KUKURYDZA

One pound will plant about 200 hills; 12 pounds will plant an acre

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue every two weeks, until the middle of July, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill.

WHIPPLE'S LARGE EARLY. (See page 6.)
JOHNSON'S NEW VERIFIRST. (See page 5.)

JOHNSON'S NEW GOLDEN STANDARD. This new sort is very similar to DeLue's Golden Giant and we recommend it very highly. See full description and cut on page 5. Makes a fine succession for Golden Bantam.

Earliest Mayflower. This is a ten to twelve rowed white corn, larger than Mammoth White Cory and from three to five days earlier. Three seasons' trials of this splendid sort have convinced us that it is the coming extra early corn.

Golden Bantam. Produces ears measuring about five inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. By all odds the finest extra early variety when quality is considered.

Howling Mob. A large eared early sweet corn, ready for use about five days later than Mammoth White Cory, generally producing two good ears to a stalk, averaging 7 to 9 inches long, with 12 to 14 rows of pearly white grains. An excellent home or market sort.

Mammoth White Cory. Considered one of the best early Sweet Corns. It produces stalks about four feet high, each generally bearing two large, finely shaped ears which become fit for use in about 52 days. They are 12-rowed, six to seven inches long, very symmetrical and handsome, seldom with any opening between the rows at the base. Grain large, broad, very white and of remarkably good quality for such an early sort. Its size and beauty give it ready sale even when the market is overstocked.

Early Evergreen. Ripens about ten days earlier than Stowell's Evergreen. Ears large and uniform.

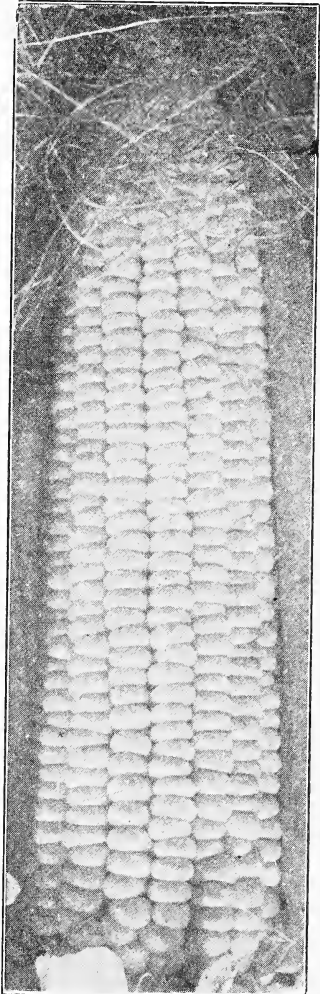
Stowell's Evergreen. The most popular variety grown, ears large and very sweet.

Country Gentleman. The finest of all sweet corns for the table, and when once used no other sort is quite good enough. A very heavy husk protects this Corn, which retains its tenderness and keeps it "in the milk" a surprisingly long time. Ears average eight to nine inches in length; cobs small and grain very deep.

Bantam Evergreen. A cross between Golden Bantam and Stowell's Evergreen, fine quality. Ears 8 inches long, 12 to 14-rowed; matures with Howling Mob; grain rather broad and deep, and of a rich golden yellow.

Kendel's Early Giant. Large, handsome ears of fine quality, very early.

Black Mexican. When in table condition the grains are pure white and quality delicious.



Earliest Mayflower Corn

SWEET CORN

	Pkt.	Lb.	2 lbs.	5 lbs.
Earliest Mayflower ..	\$0.10	\$0.40	\$0.75	\$1.65
Early Buffalo .....	.10	.45	.80	1.85
Verifirst .....	.15	.50	.85	4.00
Golden Bantam .....	.10	.40	.75	1.65
Mam. White Cory....	.10	.40	.75	1.65
Whipple's Early				
White .....	.10	.40	.75	1.65
Golden Standard ....	.10	.40	.70	1.60
Black Mexican .....	.10	.35	.65	1.50
De Lue's Golden Giant	.10	.60	1.10	2.50
Early Evergreen ....	.10	.35	.65	1.50
Howling Mob .....	.10	.40	.75	1.65
Kendel's Early Giant.	.10	.35	.65	1.5'
Bantam Evergreen ...	.10	.40	.75	1.65
Country Gentleman ..	.10	.40	.75	1.65
Stowell's Evergreen..	.10	.35	.60	1.45

Pop Corn

Monarch White Rice. This is the best Pop Corn for home or market. Select ears. **Lb., 30c;** 3 lbs., 75c; 10 lbs., \$2.25.

Corn Salad

(Fetticus)

Culture.—Treat like lettuce, except that it may be planted closer, as it is smaller. It is hardy, and may be carried through the winter in cold frame or under litter.
Pkt., 5c; oz., 15c; ¼ lb., 40c.

Cress or Pepper Grass

(Garten Kresse—Cresson Berro o Masteurzo)

Culture.—Can be sown in the early spring, outdoors in rows 1 foot apart, covering seed about one-quarter inch and sow thickly.

Extra Curled. Pkt., 5c; oz., 15c; ¼ lb., 50c.

True Water Cress. Pkt., 10c; oz., 35c.



Witloof French Endive

French Endive or Witloof Chicory

Used principally as a winter salad, and it is most delicious served with French dressing and eaten like Cos Lettuce. Should be sown in June in drills 10 inches apart; allow plants to grow until November, when they should be taken up, the leaves trimmed to 1½ inches from the neck, and the roots cut off to within 8 inches of the neck, then planted upright, 1½ inches apart, in trench 16 inches deep. Fill trench with good soil, and for quick growth cover with manure. In about four weeks it will be ready for use and is eaten either raw as a salad or cooked. Quality is very fine.

ENDIVIA **ENDIVE** ENDYWIA

One ounce will sow 150 feet of row; 3 pounds will sow an acre
One of our best salad plants, especially valuable for winter use. For a first crop, sow about the middle of April; for succession, small sowings may be made every month until August, when the main planting is made. Set out the plants one foot apart.

Green Curled. A hardy, vigorous growing Endive with bright green leaves. The dense mass of deeply divided leaves formed in the center blanches very readily to a rich color. This sort is highly esteemed for the home garden, and is much used for salads.

Everwhite Curled. (See cut.) Blanches rapidly and is very tender.

Broad Leaved Batavian (Escarolle). Leaves long and broad, thick and succulent. One of the choicest salads.

COLLARDS

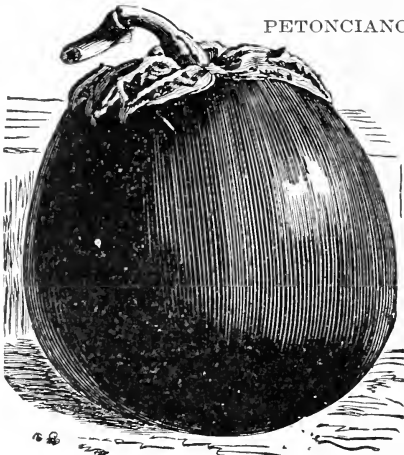
One ounce will sow 200 feet of row
Forms a loose head of cabbage-like leaves, which are largely used for greens, ready for use in 45 days. Sow like cabbage. Set a foot apart in rows 2 to 3 feet apart. Can also sow seed in June, July and August.

DANDELION

One ounce will sow 100 feet
Improved Thick Leaf. A hardy perennial. Sow in early spring, in drills half an inch deep, and thin to 2 or 4 inches in the row.

DILL

Long Island Mammoth. Leaves are used in pickles and for flavoring soups and sauces.



New York Purple Egg Plant

PETONCIANO

EGGPLANT

GRUSKA

One ounce will produce about 1000 plants; ¼ pound will sow an acre

For best results, Egg Plants require rich soil, moisture and warm weather. Sow in gentle heat from middle of March to middle of April. Transplant from June 1st to June 15th, setting the plants about 3 feet apart each way.

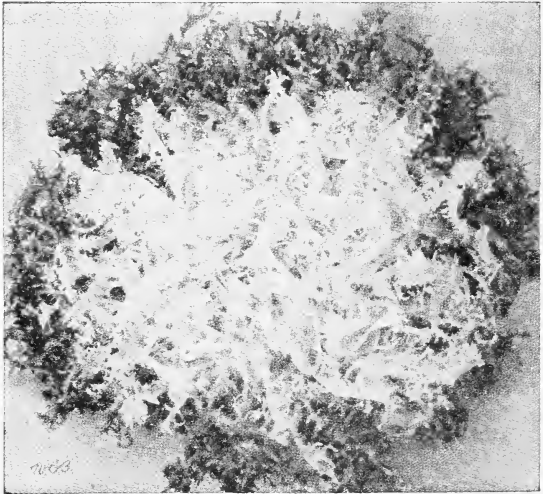
Johnson's New Purple Tokyo. This is the finest sort for home use. Extra early, surprisingly prolific, quality splendid. Size about 7 inches long and 2 inches in diameter. **Pkt., 10c; ½ oz., 50c; oz., 90c.**

Black Beauty. From ten days to two weeks earlier than the purple varieties, and of rich, lustrous, purplish black color. It is a distinct sort and a favorite where known. The plants are remarkably healthy in their growth and yield an abundance of large fruits. The fruit is very attractive in appearance. This variety is entirely spineless. Quality the very best.

Improved New York Spineless. Very solid, of rich shining deep purple color.

CAVOLO VERDE **KALE** SOLANKA

One ounce will sow 200 feet of row; 4 pounds will sow an acre
Sow about middle of April in well prepared beds covering thinly and evenly. Plant out in July like cabbage and give same culture.
Dwarf Green Curled Scotch. Very hardy, nicely curled. Most popular sort.
Dwarf Curled Siberian (German Greens). Dwarf curled; bluish-green; very hardy. May be sown in August.



Everwhite Curled Endive

EGGPLANT			
Black Beauty	Pkt. \$0.10	Oz. \$0.90	¼ lb. \$2.40
Florida High Bush .....	.10	.75	2.10
New York Improved Spineless.....	.10	.75	2.10
ENDIVE			
Batavian Broad-leaved .....	.10	.25	.70
Everwhite Curled .....	.10	.25	.70
Green Curled .....	.10	.25	.70
KALE			
Dwarf Green Curled Scotch.....	.10	.20	.55
Siberian .....	.10	.15	.40
Tall Green Curled.....	.10	.25	.70
COLLARDS			
Georgia .....	.10	.20	.60
CHICORY			
Witloof .....	.10	.25	.75
DANDELION			
Thick-leaved .....	.10	1.00	3.50
DILL			
Long Island Mammoth.....	.10	.20	.60

LATTUGA **LETTUCE** SALATA

One ounce will produce from 2,000 to 3,000 plants; 3 pounds will sow an acre

Lettuce thrives best in a light, very rich, moist soil. For first crop sow in gentle heat in February, and transplant to 10 inches apart. For a summer supply sow thinly in shallow drills 18 inches apart, and transplant or thin out, leaving a foot between the plants. Sowing may be made from April to the end of August.

Unrivalled. An improvement on the White-seeded Big Boston, forming very solid, large, pale green heads of excellent quality, without the reddish brown tinge. Forms a head in about 6 weeks, and is earlier than the regular Big Boston. May be sown all through the year and stands heat remarkably well; it is also a very fine forcer. Is crisp, solid and a good shipper.

Grand Rapids. (Johnson's Special Forcing Strain.) The favorite loose-leaved forcing lettuce, and does well in the North for early planting outside. Leaves blistered and crumpled, and the border heavily fringed; color light green, with no trace of brown. A most handsome and attractive lettuce of fair quality. Our stock of Grand Rapids is very specially selected.

Wonderful. (Sometimes called New York or Los Angeles.) This very large heading lettuce is desirable not only for summer use but is much used as a fall market sort. The plant is compact and tight heading; outer leaves attractive deep green, broad, frilled at edges. The inner leaves form a large head, very sweet and tender. Commonly called **Iceberg**.

Big Boston. Fine for forcing in cold frames or for early outdoors.

Dreer's Allheart. Splendid for greenhouse forcing or for very early outdoor heads.

Burpee's Wayahead. A new and very desirable early heading sort for outdoor culture, in the home garden.

Black Seeded Tennis Ball. The best heading variety for use under glass.

Improved Salamander. Large heads that stand the drought and heat longer than any other.

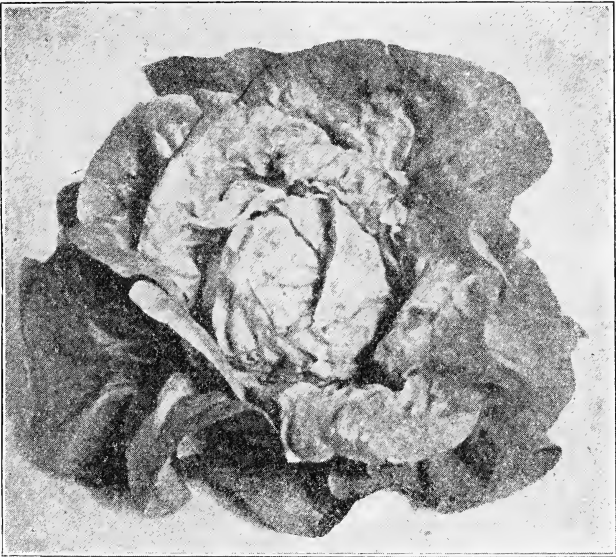
Iceberg. A large head of splendid quality.

May King. Extra large, round solid heads. Very early.

Early Prize. A large clustering lettuce, most excellent for the home garden.

Black Seeded Simpson. One of the best for sowing outdoors, exceedingly tender.

Trionon Self-Closing Cos. Leaves long, narrow, forming close upright heads.



Unrivalled Lettuce, French-Grown

CAVOLO **KOHLRABI** KALAREPA
RAPA

One ounce will sow 200 feet of row; 4 pounds will sow an acre

If you have never grown Kohlrabi, you should try it this year. It is a most excellent vegetable, intermediate between the cabbage and turnip. Cultivate like cabbage and, when young, cook like turnips.

Early White Vienna. Flesh clear white, outside greenish white. Most popular. Pkt., 10c; ½ oz., 20c; oz., 30c.

Early Purple Vienna. Same as above excepting skin is purple. Pkt., 10c; ½ oz., 20c; oz., 30c.

Large Green. A late, very large-growing sort with immense bulbs, stems and leaves. Pkt., 10c; oz., 40c.

PORRO **LEEK** PORY

One ounce will sow 100 feet of row; 4 pounds will sow an acre

Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high, transplant in rows ten inches apart each way.

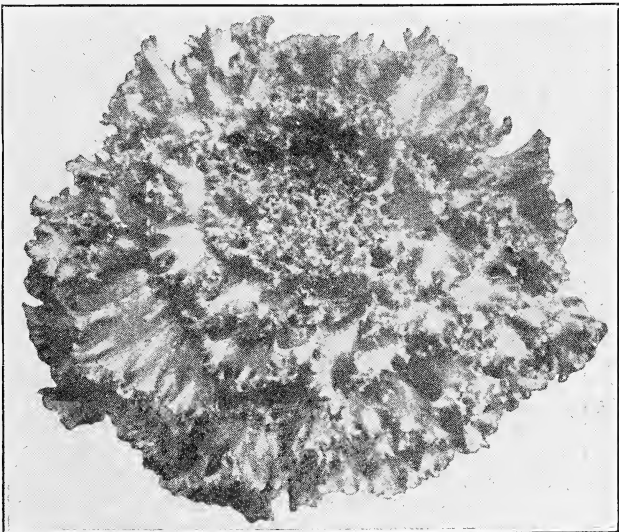
Broad American Flag. The most desirable for family use. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 90c.

Large Carentan Winter. A very large variety of superior quality. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 90c.

Horseradish Roots

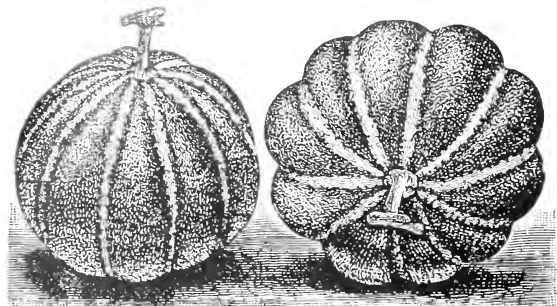
Maliner-Kren. This new variety from Bohemia is larger, earlier, and whiter than the common kind. We highly recommend it. Doz., 25c; 50, 75c; 100, \$1.25.

Common Variety. Very choice sets grown by an expert. Doz., 15c; 100, \$1.00.



Johnson's Special Grand Rapids

KOHLRABI			
	Pkt.	Oz.	¼ lb.
Early Purple	\$0.10	\$0.30	\$0.95
White Vienna .....	.10	.30	.70
Large Green.....	.10	.40	1.10
LEEK			
American Flag .....	.10	.35	.90
Carentan .....	.10	.35	.90
LETTUCE			
Big Boston, White-seeded.....	.10	.25	.75
Allheart .....	.10	.20	.65
Black-seeded Tennisball.....	.10	.25	.70
Wayahead .....	.10	.20	.60
Hanson .....	.10	.20	.55
Iceberg .....	.10	.20	.60
May King.....	.10	.25	.70
Early Prize.....	.10	.25	.70
Wonderful .....	.10	.35	.90
Salamander .....	.10	.20	.65
Unrivalled French Grown.....	.10	.35	.90
Black-seeded Simpson.....	.10	.25	.70
Detroit Market Gardeners'.....	.10	.20	.55
Grand Rapids Special.....	.10	.20	.60
Trionon Cos Romaine.....	.10	.20	.60



Emerald Gem Muskmelon



Famous Irish Grey Watermelon

COCOMERO WATERMELON MELON WODNY

One ounce will plant about 20 hills; 3 to 4 pounds will plant an acre

Irish Grey. This new melon is already becoming popular. The vine is very vigorous and produces fruit until late summer. Flesh is beautiful red and free from stringiness. Well adapted for either market or home use.

Harris' Earliest. The finest of all the early maturing melons of medium size and oblong shape. The vine is productive and a sure cropper, the melons maturing early. Adapted to the Northern States.

Ice Cream or Peerless. Exquisite quality; red flesh, medium size; early.

Kleckley Sweet. A new melon. Very popular. Long, dark; exquisite quality.

Citron. (For preserving.) Very hardy and productive. Good keeper.

PASTINAKE; **PARSNIPS** PASTINACA, Sp.
PANALS, Fr.;

One ounce will sow 150 feet of drill; 5 pounds will plant one acre

Culture. Parsnips do best in deep, rich, sandy soil, but will make good roots on any soil which is deep and mellow and moderately rich.

Improved American Hollow Crown. An improved strain. This has been selected for good size, uniform shape and freedom from tendency to side roots.

MUSKMELON

	Pkt.	Oz.	¼ lb.
Extra Early Hackensack.....	\$0.10	\$0.15	\$0.45
Honey Dew .....	.10	.35	.90
Ohio Sugar .....	.10	.15	.50
Rocky Ford .....	.10	.15	.45
Hoodoo .....	.10	.25	.70
Bender's Surprise .....	.10	.35	.85
Emerald Gem .....	.10	.15	.45
Fordhook .....	.10	.30	.85
Hearts of Gold.....	.10	.30	.85
Lake Champlain .....	.15	.70	2.00
Osage .....	.10	.20	.55
Tip Top .....	.10	.25	.70

WATERMELON

Preserving Citron .....	.10	.15	.40
Ice Cream or Peerless.....	.10	.15	.35
Harris' Earliest .....	.10	.15	.40
Kleckley's Sweets .....	.10	.15	.40
Tom Watson10	.15	.40
Cole's Early10	.15	.40
Irish Grey10	.20	.50

PARSNIP

Hollow Crown10	.15	.40
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MUSKMELON POPONE

One ounce will plant 50 hills; 2 to 3 pounds will plant an acre

After all danger of frost is over, and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up, and all danger of insects has passed, pull out all but 3 plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting.

Johnson's New Lake Champlain. (See page 7.)

New Bender's Surprise Muskmelon. (See page 7.)

Emerald Gem. (Salmon flesh.) (See cut.) This beautiful melon is early and prolific. The skin is smooth, of a deep emerald green color. The flesh is thick and firm, ripening almost to the rind. Well adapted to Northern Ohio. Noted for its high quality.

Honey Dew. This new sort is well worthy of a trial by all who love Muskmelons. It has created sensations wherever high class hotels have served it.

Selected Osage. Well suited to sandy soil. Yellow flesh, fine quality.

Ohio Sugar. A green fleshed Tip Top.

New Fordhook. Salmon flesh, flattish shape, well netted, flesh thick, very early.

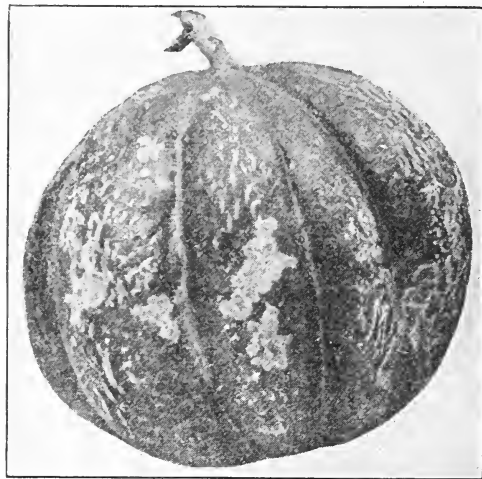
Tip Top. Select Stock. Good size, superb quality; salmon flesh. Our stock is fine.

Extra Early Hackensack. Standard extra early sort. Green flesh.

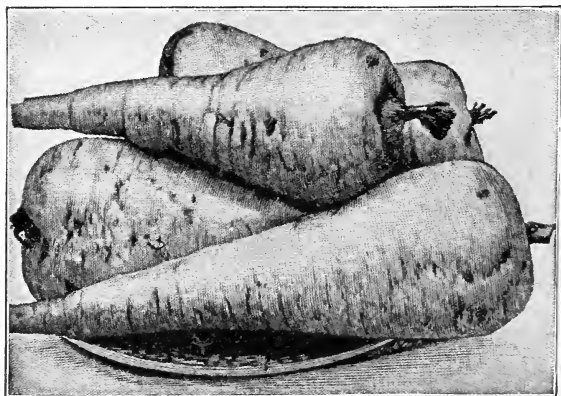
Netted Gem or Rocky Ford. The melon which made Rocky Ford famous. Small, early, green flesh.

Sutton's Windsor Castle. (English Forcing.) The best green fleshed variety for greenhouse. Pkt., 25c.

Carter's Blenheim Orange. (English Forcing.) The best scarlet fleshed variety for the greenhouse. Pkt., 25c.



Selected Tip Top



Improved American Hollow Crown Parsnips

CIPOLLA **ONION** CEBULA

One ounce will sow 100 feet of row; 5 pounds will sow an acre

Johnson's Selected Ohio Yellow Globe. Our seed of this finest of all Yellow Globe Onions is grown in Lake Co., O., by one of the most expert onion men in the state. The strain is distinguished by a distinct attractive shape and a handsome bright even yellow color—ripens early and all at once; neck very small, and cures down to almost nothing. The firm, solid bulbs are excellent winter keepers, and all that can be desired in size and quality; yielders—800 bushels per acre are frequently grown on rich onion land. This is a superb onion for all classes of soil and especially good for all northern Ohio onion sections on account of quick maturing. Prices of select stock. (See below.)

Ailsa Craig. It has a handsome appearance, being large—12 have been known to weigh 30 pounds—it has fine straw-colored skin; these qualities make it excellent for exhibition purposes, in which it is a successful competitor of large, imported Spanish onions. The shape is globular and it forms a fine thin neck for a large onion. A splendid keeper; for eating raw it has no superior; it is mildly pungent in flavor, sweet and desirable.

Southport Red Globe. Select Stock. Immense yielder.

Yellow Globe Danvers. Select Stock. The standard sort.

Mammoth Yellow Prizetaker. American grown seed. Grows very large and handsome. White flesh, mild flavor.

Southport White Globe. A magnificent globe-shaped white variety, very popular.

Southport Yellow Globe. Handsome, globe-shaped sort of large size, yellow skin, white flesh, fine grained, mild, firm and good keeper.

White Portugal. Very early, flat, white sort. Mild flavor. Largely used for growing sets.

White Queen. Used to produce pickling onions.

Onion Sets As soon as the ground can be worked in spring, set in rows 1 foot apart and three inches in the row. For succession continue planting every two weeks.

White Bottom Sets. Mild. Very popular. Qt., 35c.

Yellow Bottom Sets. Preferred by many on account of stronger flavor. Qt., 30c.

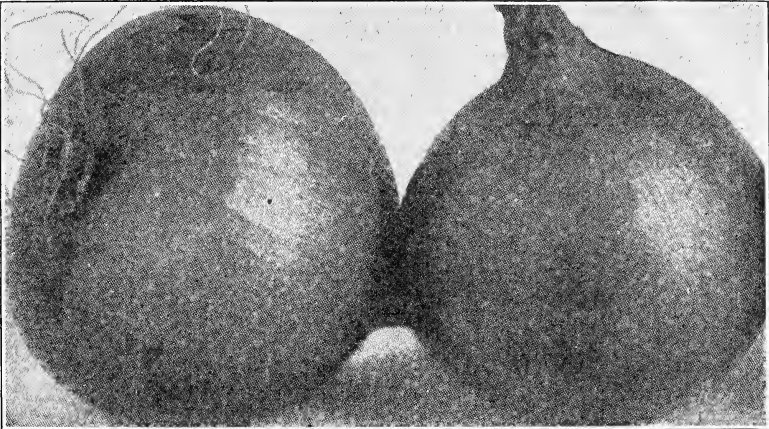
Egyptian Winter Sets. Plant in August and September for use late in fall and following spring. Very hardy. Qt., 20c.

MUSTARD

Sow thickly during early spring, in shallow drills 12 inches apart. For fall use, sow in September.

Southern Giant Curled. The large leaves, which often measure 14 inches, are ready for use in about six weeks after sowing. Continues to yield until frost. Leaves are eaten boiled like spinach. Pkt., 10c; oz., 15c; ¼ lb., 30c.

Fordhook Fancy. Plants are of vigorous growth, and have beautiful dark green leaves which curve outward like a fine ostrich plume. It stands well, even during the hot summer months. It is even superior to the best spinach in flavor. Pkt., 10c; oz., 15c; ¼ lb., 40c.



Johnson's Selected Ohio Yellow Globe Onion

MUSHROOM SPAWN

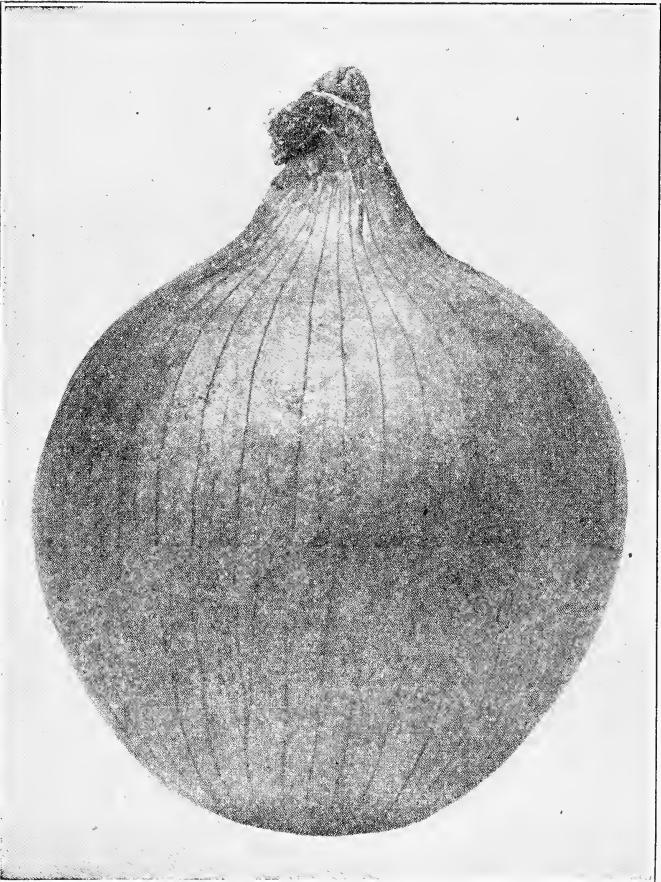
HAVE FRESH MUSHROOMS ON YOUR TABLE EVERY DAY Pure Culture. (In bricks.) The finest quality. This is vastly more dependable than the old style of English Milltrack Spawn, and costs but little more. Bricks, 35c each; 10 bricks, \$3.00. Ask for prices for large lots. Free Leaflet on Mushroom Culture on request.

OKRA OR GUMBO

OKRA, Ger.; GOMBO, Fr.; QUIMBOMBO, Sp.

Sow after the middle of May, or early in June, in rich soil in drills about an inch deep and 3 feet apart; thin out to 8 inches. **White Velvet.** Tender white pods, of smooth and velvety appearance. Pkt., 5c; oz., 10c; ¼ lb., 30c.

Perkins' Mammoth. The long pods measuring 4 to 5 inches are produced in great quantities. The appearance is handsome, of green color and best quality. Pkt., 5c; oz., 10c; ¼ lb., 30c.



Prizetaker

ONION			
	Pkt.	Oz.	¼ lb.
Ohio Yellow Globe.....	\$0.10	\$0.65	\$2.50
Mam. Yellow Prizetaker.....	.10	.60	2.00
Selected Yellow Globe			
Danvers .....	.10	.65	2.50
Southport Yellow Globe ....	.10	.60	2.00
Southport Red Globe.....	.10	.60	2.00
Mammoth Silver King.....	.10	.50	1.75
Southport White Globe.....	.15	.75	2.75
White Portugal .....	.10	.65	2.50
White Queen .....	.10	.45	1.25
White Welsh .....	.10	.45	1.25

GROCH **GARDEN PEAS** PISELLO

One to two pounds will plant 100 feet of row; 120 pounds will plant an acre

Peas mature earliest in a light, rich soil; for general crop, a rich deep loam is the best. When grown in gardens sow in double rows six to eight inches apart, the rows two to four feet apart, the tall ones requiring brush. Commence sowing Alaska and First and Best as early as the ground can be worked in February or March; and continue with other sorts for a succession every two weeks until June. One quart for 8 rows 10 feet long. See page 8 for new varieties.

Earliest Varieties

New Eight Weeks. (See page 8.)

New Hundred Fold. (See page 8.)

Alaska. The very earliest sort. Sometimes called First of All.

First and Best. A round, hard-shelled variety. Can be sown when frost is barely out of the ground. Height, 2½ feet.

Gradus or Prosperity. An extra early wrinkled Pea, hardy, early and profitable. This remarkable Pea is one of the most widely known varieties in cultivation. The vine is about 24 inches in height on good soil. The pods are borne abundantly. As many as 8 to 10 peas of the largest size and most luscious quality are found in each pod.

Extra Early Pilot. The pods and peas are nearly as large as those of Gradus, while they are produced as early as the smooth-seeded extra-earlies.

Blue Bantam. Quite similar to Laxatonian.

Nott's Excelsior. An improvement on American Wonder, being as early and pods much larger. Height, 14 inches.

Sutton's Excelsior. The finest early large podded dwarf wrinkled pea. 1½ feet.

Laxatonian. 15 to 18 inches high, very large pods, similar to Gradus in shape. Quality splendid.

Thomas Laxton. One of the very earliest varieties. The plant is a very hardy and strong grower, producing extra large size pods in abundance. The quality is delicious and cannot be surpassed by any other variety.

Little Marvel. A great acquisition. Height, 15 inches. Deep green, extra early large pods, heavy cropper.

Pioneer. One of the earliest of the wrinkled peas; robust in habit and bearing an abundance of handsome dark green pods well filled with large peas of fine quality. Height, 1½ feet.

Peter Pan. Height, 15 to 18 inches. The largest podded of the dwarf varieties. Pods 4½ to 5 inches long, dark green in color, and well filled with large Peas of superb quality. Very productive.

Second Early and Medium Varieties

Dwarf Telephone. Pods containing 8 to 9 large wrinkled peas equal to Telephone pods. Sometimes called Carter's Daisy.

Alderman. A remarkably strong growing main crop variety of the Telephone type, with enormous dark green pods, containing 8 to 10 large, wrinkled Peas of immense size; very tender and luscious. 4 to 5 feet high.

Telephone. Immensely productive, finest quality. The pods are of large size, containing 6 to 7 peas, of pale green color, of delicious flavor, 3½ feet.

General and Late Crop Peas

Johnson's New Prizewinner. (See page 8.)

Potlatch. The vines require no brushing, the pods are immense in size and fullness, and packed with peas that are sweet and rich flavored.

Improved Stratagem. Pods of immense size, filled with very large, dark green Peas of the finest quality; height, 18 inches.

Champion of England. A popular wrinkled variety of delicious flavor; profuse bearer. Peas are large and very tender, 5 feet.

Melting Sugar. Edible podded.

Canada Field. Lowest prices on application. (See p. 29.)

PREZZEMOLO **PARSLEY** PIETRUSZKA

One ounce will sow 150 feet of row; 3 pounds will sow an acre

Culture.—Soak seed for several hours and sow in border or frame. Thin the rows or transplant to 8 inches each way.

Johnson's New Bouquet. (See page 7.)

Champion Moss Curled. A choice selected strain, with crimped and curled leaves. Pkt., 10c; oz., 20c; ¼ lb., 40c.

Hamburg Turnip-Rooted. The root, which resembles a small parsnip, is the edible portion of this variety. Extensively grown and used for flavoring soups, etc. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25.



Thomas Laxton Peas

PEANUTS

New Mammoth Bush. These nuts make compact bushes eighteen inches high, with heavy, erect stalks. They produce a large quantity of the mammoth nuts, adapted for culture in our northern climate, especially in light or sandy soils. Large pkt., 10c; ¼ lb., 20c; lb., 50c; ½ pt., 20c; pt., 35c; qt., 60c.

Sweet Spanish. The earliest variety grown. Pods are small, remarkably solid, well filled, and of an extra-fine quality. Yield per acre very large. Large pkt., 10c; ¼ lb., 15c; lb., 40c, postpaid.

PEAS

	Pkt.	Lb.	2 lbs.	5 lbs.
New Eight Weeks.....	\$0.15	\$0.40	\$0.75	\$1.75
Alaska .....	.10	.30	.50	1.10
First and Best.....	.10	.30	.55	1.20
Prolific Early-Market .....	.10	.30	.55	1.20
Blue Bantam.....	.10	.40	.70	1.60
Ex. Ea. Pilot.....	.10	.35	.65	1.50
Gradus .....	.10	.35	.65	1.50
Hundredfold .....	.15	.50	.95	2.25
Laxatonian .....	.10	.40	.70	1.60
Little Marvel.....	.10	.40	.75	1.70
Melting Sugar.....	.10	.40	.75	1.70
Nott's Excelsior.....	.10	.30	.60	1.35
Peter Pan.....	.10	.40	.70	1.60
Potlatch .....	.10	.40	.70	1.60
Sutton's Excelsior.....	.10	.40	.75	1.70
Thomas Laxton .....	.10	.40	.70	1.60
World's Record.....	.10	.40	.70	1.60
Pioneer .....	.10	.40	.70	1.60
Imp. Stratagem .....	.10	.40	.70	1.60
Alderman .....	.10	.35	.65	1.50
Champion of England.....	.10	.35	.65	1.50
Duke of Albany.....	.10	.35	.65	1.50
Dwarf Telephone.....	.10	.40	.70	1.60
Telephone (Dark-Pod).....	.10	.35	.65	1.50
Prizewinner .....	.15	.40	.75	1.75

PEPERONE

PEPPER

PIEPERZ

One ounce will produce 1000 to 1200 plants

Johnson's Earliest Mango. The flavor is very mild, so that the peppers may be eaten like an apple. If you want peppers and lots of them, plant Johnson's Earliest. In an average season Johnson's Earliest will produce five times as many peppers as any other sweet kind, and they mature much earlier. For the Northern parts of the country this is the only large sweet pepper that can be relied upon to produce a crop every season. We offer seed of our own raising. It is northern grown and of a pedigreed strain.

Harris' New Early Giant. (See page 7.)

Perfection Pimiento. Especially desirable for the home garden both green and ripe. The hull or meat is two to three times as thick as that of the old "Bell" types. Very sweet and delicious and entirely free from pungency. A beautiful scarlet red.

Ruby King. We have a fine strain of this well known sort.

World Beater. A cross between Chinese Giant and Ruby King.

Early Neapolitan. Fruit of good size, growing on vigorous stalky plant. Flesh thick, mild.

Red Squash or Tomato Shaped. Fruit small, flat, glossy dark red, early, very productive, thick fleshed and sweet. Becoming more popular every season.

Large Bell or Bull Nose. Vigorous grower, compact and productive.

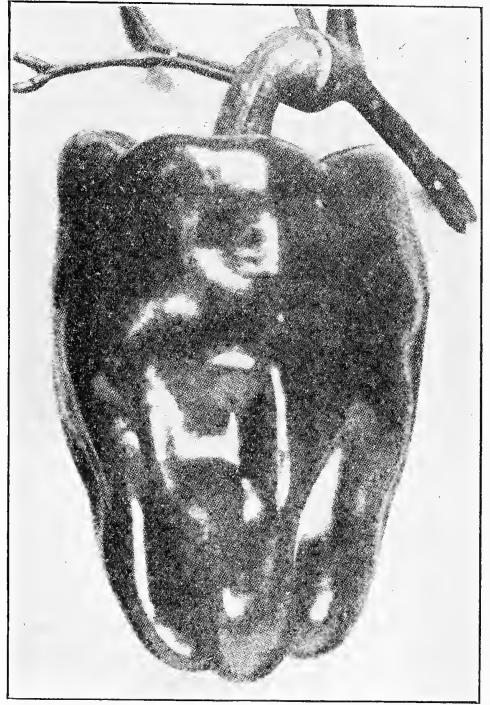
Long Red Cayenne. Small, long, slim, very hot.

Red Chili. Small, bright red; hot.

Sunnybrook. Of the Pimiento type, averaging 3 inches in diameter and 2 inches deep, rich, deep scarlet in color, produced in clusters of four or five, on bushes 15 inches high and 20 inches broad. Very prolific and exceptionally mild.

Sunburst (Yellow). The best large-fruited yellow Pepper. Fruits resemble Ruby King in size and shape, but are bright yellow when ripe, thick-fleshed and mild.

Chinese Giant. An exceedingly large red Pepper. The plants are vigorous but stocky, about 2 feet high, well branched and thickly set with fruits. The monstrous fruits mature slightly later than Ruby King, are blocky in form, 4 to 5 inches broad at the top and of equal length, divided into four or more large ridges, and of a most brilliant glossy scarlet color. All fruits are enormous and very mild in flavor.



Johnson's Earliest Mango

ACETOSA

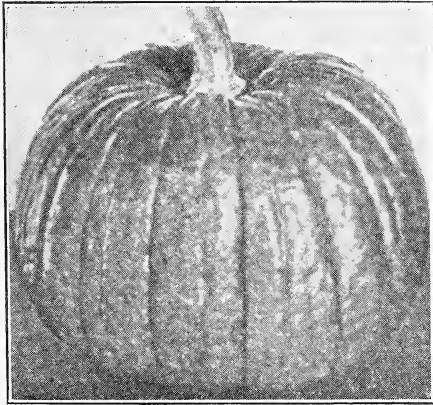
SORREL

SZCZAW

One ounce will sow 100 feet of row

Sow early in spring, thinly in rows 12 to 18 inches apart. Thin to 6 or 8 inches apart. Commence cutting in about two months after planting; the plants will continue to bear fully for three or four years.

Large French Broad-leaved. The best of the garden Sorrels, having large, pale green leaves of mild, acid flavor; esteemed as a salad, also cooked as greens, etc. Pkt., 10c; oz., 25c; ¼ lb., 65c.



Small Sweet or Sugar Pumpkin

ZUCCA

PUMPKIN

BANIA

One ounce will plant about 25 hills; 4 pounds will plant an acre

Plant after the ground has become thoroughly warm in hills 8 feet apart each way, dropping 8 seeds to a hill. Cover firmly with 1 inch of soil. After plants are well started thin to 4 to each hill. Pumpkins may also be planted in the corn-field, dropping 2 or 3 seeds in every third or fourth hill of corn. The Pumpkins should be gathered from the vine with the stem attached. They should be kept in a warm, dry, well-ventilated place. Full cultural directions on every packet and ounce bag.

Connecticut Field. A very productive, large, orange-colored field Pumpkin; a little deeper than round and slightly flattened. Extensively grown between corn for stock-feeding; it also makes good pies. Flesh is deep rich yellow, fine-grained, and highly flavored.

King of the Mammoths, or Jumbo. The largest of all Pumpkins, often weighing 200 pounds. Shape flattened-round, skin light orange-colored, slightly rough; flesh bright yellow, fine-grained and of good quality.

Small Sugar. This variety is small, round, somewhat flattened, 8 to 10 inches in diameter, slightly ribbed, and of a deep orange color. The flesh is a rich deep yellow, fine-grained and very sweet.

Large Cheese, or Kentucky Field. The fruits are large flattened-round, the diameter being twice the thickness from top to bottom. The skin is mottled light green and yellow, changing to creamy yellow when mature. Flesh is yellow, tender, and excellent.

Pie, or Winter Luxury. The fruits are of medium size and nearly round. The skin is light yellow, smooth and covered with a fine russet netting. Flesh is light yellow, very thick, sweet and finely flavored. (See page 9.)

PEPPERS

	Pkt.	Oz.	¼ lb.
Perfection Pimiento	\$0.10	\$0.70	\$1.90
Chinese Giant	.10	.90	2.50
Crimson Giant	.10	.95	2.60
Johnson's Earliest	.10	1.20	3.30
Large Bell, or Bull Nose	.10	.70	1.90
Long Red Cayenne	.10	.60	1.65
Neapolitan	.10	.75	2.00
Red Chili	.10	.70	1.95
Red Squash	.10	.90	2.50
Ruby King	.10	.75	2.10
Ruby Giant	.10	.75	2.10
World Beater	.10	.90	2.50
Sunnybrook	.15	1.25	3.75
Sunburst	.10	1.00	3.25

PUMPKIN

Connecticut Field	.10	.15	.35
King of Mammoths	.10	.20	.55
Large Cheese	.10	.15	.40
Pie, or Winter Luxury	.10	.15	.45
Small Sugar	.10	.15	.45

Rhubarb, or Pie Plant

RHABARBER—RUIBARBO

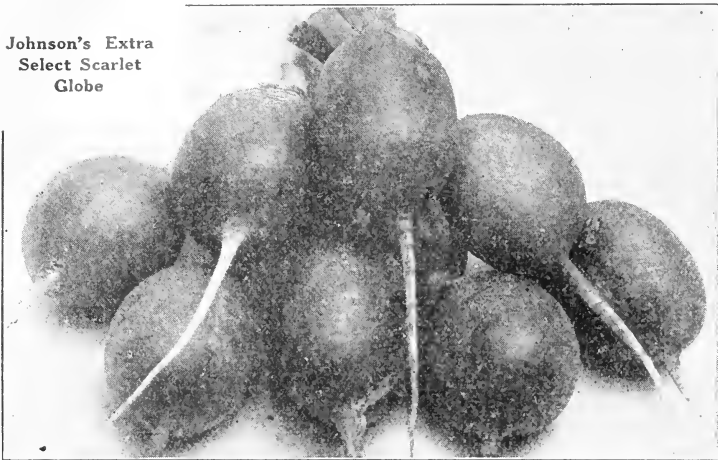
One ounce of seed will produce 500 plants

Requires a deeply cultivated and thoroughly manured soil. Sow the seed early in the spring, in rows 1 foot apart. The second year after planting, plants can be removed in autumn to the permanent place in the garden allotted to them. Plant the roots 2 feet apart each way.

Victoria. In general use for market and home-garden. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75, postpaid.

RHUBARB ROOTS. Each, 15c; doz., \$1.50.

Johnson's Extra
Select Scarlet
Globe



Johnson's Home Table. (See page 7.) A nearly globe-shaped Radish, very large, and remaining in good condition a remarkably long time for such an early variety. Skin is fine crimson, and flesh pure white of excellent quality. It matures very quickly and is tender and crisp. A fine sort for open ground and for successive sowing.

Icicle. A beautiful waxy white, long-rooted Radish, gradually tapering down from the shoulder which is about $\frac{3}{4}$ inch in diameter. The roots are usually 5 or 6 inches long and have small tops. This is the earliest of the long-rooted early summer white sorts, desirable for outdoor planting and for forcing. Flesh is crisp and tender.

Cincinnati Market. The finest long Red Radish in cultivation either for house or for market. (See illustration.) Skin scarlet colored, very thin, the flesh crisp, brittle and of delightful flavor.

White Tip Sparkler. A splendid variety of the Scarlet Turnip White-Tipped type, but showing more white, practically the whole lower part being white, while the upper half is a bright scarlet; good quality.

Bright Red Forcing. An excellent extra-early forcing variety forming radishes which are uniform, small, nearly round and of bright scarlet color. Tops are very small. Flesh white, crisp, and finely flavored. Matures in 20 days. Our strain of this perfect Radish is clean and fine, and is in very large demand.

Philadelphia White Box. A very fine early Radish, round, slightly flattened, and of a beautiful white color. It has a medium top, matures early and is grown extensively both under sash and outdoors. Our stock is excellent.

French Breakfast. A favorite sort, mild and crisp.

White Tipped Scarlet Turnip. For early planting in frames or outdoors.

Rosy Gem. An extra early strain of White Tip Scarlet Turnip, adapted to forcing.

White Stuttgart. Shape like a turnip; skin and flesh both white, excellent summer variety.

Long White Vienna or Lady Finger. Pure white in color, of long tapering shape.

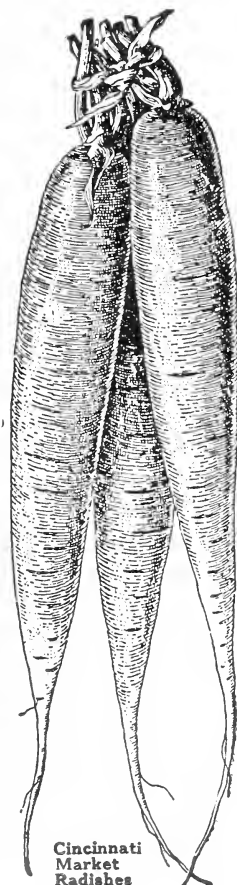
Improved Chartier. The color at the top is crimson, running into pink about the middle, and from thence downward is pure white. Splendid for summer use.

China Rose. Bright rose color; fine for winter use.

Round Black Spanish. Fine for winter use.

Celestial. Flesh white and crisp; fit to use early in the fall.

California Mammoth White Winter. A white-fleshed Radish of excellent quality.



Cincinnati
Market
Radishes

RADISHES

RAVANELLO—RZODKIEW

One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast

To be crisp and tender, Radishes must grow quickly; whenever growth is checked by drought or cold weather, they become tough and pithy. Rich, light sandy soil suits them best. For the forcing crop, sow seeds in hotbeds, in rows 5 to 6 inches apart and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in midsummer. Summer varieties are best adapted for general crop.

Johnson's Extra Select Scarlet Globe. This new radish has a remarkable ability to bear the heat necessary for rapid growth without becoming pithy or losing flavor. As shown in the illustration, it is of surpassing beauty as regards shape and color. The flesh is crisp, tender, juicy and mild. The color is a rich scarlet. It has a small top and the roots are surprisingly uniform in shape and size. We offer only the most carefully grown seed. (See cut.)

Johnson's New Saxa. The earliest of the forcing radishes, and one of the slowest to shoot to seed. Round, bright scarlet and with the smallest possible top. (See cut page 7.)

RADISH

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Cincinnati Market	\$0.10	\$0.15	\$0.40
Icicle .....	.10	.15	.40
Long Scarlet Short Top .....	.10	.15	.40
Long White Vienna .....	.10	.15	.35
Bright Red Forcing .....	.10	.15	.40
Crimson Giant .....	.10	.15	.40
Johnson's Scarlet Globe .....	.10	.15	.40
Early Scarlet Turnip .....	.10	.15	.35
Sparkler White-Tip .....	.10	.15	.35
Johnson's Home Table .....	.10	.20	.65
French Breakfast .....	.10	.15	.40
Johnson's New Saxa .....	.10	.20	.60
Philadelphia White Box .....	.10	.15	.40
Rosy Gem .....	.10	.15	.40
Giant White Stuttgart .....	.10	.15	.40
White Strasburg .....	.10	.15	.40
Golden Yellow Oval .....	.10	.15	.40
Celestial .....	.10	.15	.40
Calif. Mam. White .....	.10	.15	.40
Rose China Winter .....	.10	.15	.40
Round Black Spanish .....	.10	.15	.40



Icicle Radish

SPINACH

SPINACCIO—SZPINAK

One ounce will sow 100 feet of row; 15 pounds will sow an acre in rows, 25 pounds if broadcast

Johnson's Norbek. This new variety is the top notch of the Spinach family, being a decided improvement on all other kinds. The leaves are broad, heavy and of a dark green, glossy color, much more heavily blistered than Long Season; it will also stand at least a week or ten days longer without shooting to seed, which is an important factor. The plant is not of the rosette type, but stands more erect, and requires a less number of plants to fill a basket than any other variety. A trial will convince you that this is the most profitable variety to grow.

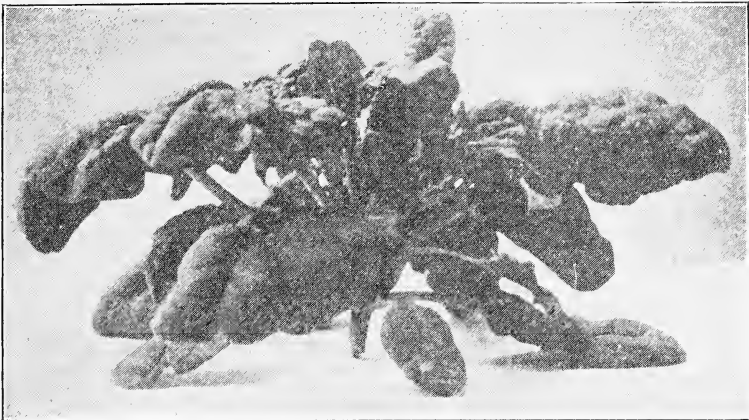
Victoria. Very heavy, broad deep green crumpled leaves; stands long in prime condition, rendering it especially valuable for spring sowing.

Thick Leaf (Viroflay). The favorite variety for early spring or fall crop. Quick grower and an immense yielder.

Long Season. A variety quite similar to Victoria, but more wrinkled.

Everlasting, or New Zealand. Distinct; endures heat; best for summer. Thrives during the hot weather in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer.

King of Denmark. This splendid new sort from Denmark is undoubtedly the most valuable introduction



Johnson's Norbek Spinach

of Spinach in recent years. Remains in condition from one to two weeks after other varieties have gone to seed.

Bloomsdale Savoy Leaved (Norfolk Savoy). Very early and hardy, and one of the best for market. Plant of upright growth; leaves of medium size, more or less crumpled and blistered; color glossy deep green.

Early Giant Thick Leaved. One of the largest sized varieties, sometimes measuring 2 feet across.

SQUASH

ZUCCA—MIEKURZ

Mammoth Yellow Bush or Golden Custard. This is identical to the Mammoth White Bush, but the fruits are even larger and have a rich, golden orange skin as well as rich, creamy yellow flesh.

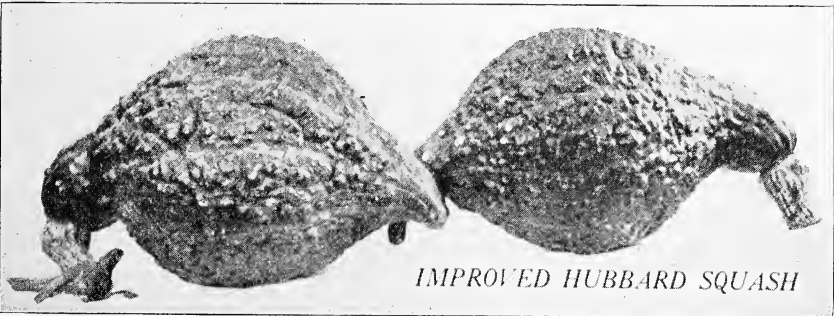
Mammoth White Bush. True bush growth, and produces large fruits with scalloped edges, frequently 12 to 14 inches in diameter.

Giant Italian Summer. This is about the size and shape of a baseball bat. Very peculiar where there is a large foreign population. Color white. Must be used before becoming hard.

Warted Hubbard. Similar in size and quality to the well known Hubbard, but is more heavily warted and a very dark green, almost black, in color. Our stock of this variety is exceptionally true.

Fordhook A small, oblong variety, excellent for summer or winter; fruits 8 to 10 inches long.

Des Moines. This is a small acorn-shaped, dark green Squash, almost black, about 5 or 6 inches long and 4 inches in diameter. The ground is literally dotted with the dark-colored Squashes, which are the very essence of quality. It makes excellent pies and can be cooked whole when young, and it is also a good keeper. Baked halves of Des Moines Squash always cause favorable comment.



IMPROVED HUBBARD SQUASH

Golden Hubbard. The shell is moderately warted, hard, strong and of a rich orange red color. Flesh deep orange, dry and of best quality; good keeper.

Delicata. An early ripening winter sort producing an enormous crop of oblong fruits. Orange yellow, striped with green. Known as "Sweet Potato" Squash.

Giant Summer Crookneck. (Bush.) The largest and one of the earliest summer varieties; fruits warty.

Improved Hubbard. The standard winter squash; fruits large, heavy and moderately warted; shell dark bronze green, showing more or less light green markings toward blossom end; flesh bright orange yellow, fine grained, thick and dry.

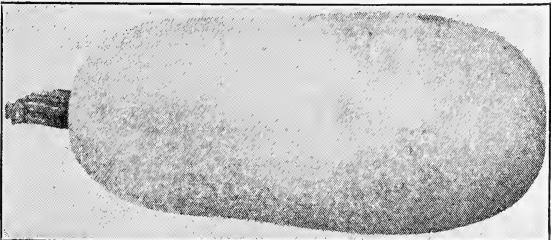
VEGETABLE MARROWS

Long Cream. A vine variety. Oblong shape, with smooth creamy-white skin. Oz., 20c; ¼ lb., 60c; lb., \$2.00.

English Marrow. A bush variety. Fruits shorter than Long Cream. Oz., 20c; ¼ lb., 50c; lb., \$1.75.

Long Green. Long and rather slim, with striped green skin; a vine variety. Oz., 20c; ¼ lb., 60c; lb., \$2.00.

Cocozelle Bush. Oblong; skin green striped; excellent quality. Oz., 20c; ¼ lb., 50c; lb., \$1.75.



Vegetable Marrow

SALSIFY
OYSTER
PLANT

Mammoth Sandwich Island. Roots large, long, smooth, tender, and well flavored, resembling fair-sized parsnips.

SALSIFY	Pkt.	Oz.	¼ lb.
Mammoth Sandwich Island	\$0.10	\$0.30	\$0.85

SQUASH			
Des Moines .....	.15	.30	.85
Giant Italian .....	.15	.30	.75
Giant Summer Crookneck .....	.10	.20	.55
White Bush Scalloped .....	.10	.20	.40
Yellow Bush Scalloped .....	.10	.20	.45
Blue Hubbard .....	.15	.55	1.50
Fordhook .....	.05	.20	.40
Warted Hubbard .....	.10	.20	.55
Delicata .....	.10	.25	.65
Golden Hubbard .....	.10	.20	.55
Smooth Hubbard .....	.10	.20	.55

SPINACH	Oz.	¼ lb.	Lb.
Johnson's Norbek....	\$0.15	\$0.30	\$1.00
Bloomsdale Savoy....	.10	.20	.45
King of Denmark....	.10	.30	.80
Long Season .....	.10	.20	.60
Early Giant Thick-leaved .....	.10	.20	.45
New Zealand .....	.15	.40	1.35
Victoria .....	.10	.20	.45
Viroflay .....	.10	.20	.45

POMO D'ORO **TOMATO** POMIDOR

One ounce will produce from 1,000 to 2,000 plants

Culture.—Sow from March to April 15th in a hotbed or greenhouse, where the temperature is never below 60 degrees. About the first of June they may be transferred to the open ground. Set them deeply, four feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill.

EXTRA EARLY WAYAHEAD TOMATO. (See page 9.)

Early Detroit. This splendid variety is the largest and best of the early purplish pink tomatoes. The vines are vigorous and very productive. The fruits are very smooth, uniform in size, nearly globe-shaped, firm, and of excellent quality. Early Detroit is one of the most valuable shipping tomatoes yet introduced. It is also desirable for the home garden and near markets.

Manyfold. A new variety, producing a heavy crop of large fruits very early in the season. The color is brilliant red, which extends also to the flesh. The fruits generally grow in clusters of 4 and 5.

Improved Beauty. A decided favorite for either home market or shipping purposes, being early, hardy, strong grower, productive; fruit large, always perfect in shape and excellent in quality. The color is glossy crimson with a tinge of purple. It grows in clusters of 4 to 6 large fruits, retaining its large size late in the season. It is very firm fleshed, with but few seeds. It seldom rots or cracks after a rain. Can be picked quite green, will look well, ripen up nicely and keep perfectly for a week after it is ripe.

Chalk's Early Jewel. Fruit uniformly smooth, round and solid; color crimson.

Matchless. A large smooth, second early sort; color red.

Golden Queen. The fruits are large and smooth; of bright golden yellow color.

Stone. The standard and general favorite with truckers and canners; always dependable, very vigorous and productive; fruits round, large, solid, smooth and deep red in color. Our selected stock of Stone is much above the average.

Truckers' Favorite. A popular purple-fruited sort on the order of Beauty and of the same general habit of growth; the fruit is, however, more flattish.

Dwarf Champion. Of a distinctly dwarf, compact, upright growth; fruits smooth, solid and medium size. Color pink; quite early.

TOMATOES

	Pkt.	Oz.	¼ lb.
Beauty	\$0.10	\$0.45	\$1.25
Bonny Best.....	.10	.45	1.25
Chalk's Early Jewel....	.10	.45	1.25
Dwarf Champion.....	.10	.50	1.50
Dwarf Stone.....	.10	.50	1.50
Earliana .....	.10	.60	1.65
Early Detroit.....	.10	.45	1.25
Early Acme.....	.10	.40	1.25
Golden Queen.....	.15	.90	2.20
Truckers' Favorite.....	.10	.45	1.25
Avon Early.....	.10	.75	2.50
John Bauer.....	.10	.45	1.25
Livingston's Globe.....	.10	.50	1.50
Manyfold .....	.15	1.25	4.00
Matchless .....	.10	.40	1.25
Ponderosa or Beefsteak.	.10	.75	2.00
Stone, Selected .....	.10	.40	1.25
Wayahead .....	.15	1.25	4.00
New Red Head.....	.15	1.25	4.00
Gulf State Market.....	.15	1.25	4.00



Johnson's Stock Earliana Tomato

Earliana. The earliest and best of the very early tomatoes; fruit smooth, solid and produced in clusters; color bright scarlet. Our many years of selection on this stock has made it unequalled. **Pkt., 10c; oz., 60c; ¼ lb., \$1.65.**

Earliana. (Johnson's Stock Seed.) **Oz., \$1.00.**

Bonny Best. Very smooth, solid, uniform, and produced in clusters; ripens uniformly and is very productive; color bright red. **Pkt., 10c; Oz., 45c; ¼ lb., \$1.25.**

Bonny Best. (Johnson's Stock Seed.) **Oz., \$1.00.**

Livingston's Globe. A large purplish pink variety of excellent quality. The shape is very nearly round or globe-shaped with a pronounced elongation at the flower end. The vines are vigorous and productive. The fruits are very smooth, firm and solid, and mature a little earlier than most main-crop varieties. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

Livingston's Globe. (Johnson's Stock Seed.) **Oz., \$2.00.**

Dwarf Stone. This is the largest fruited of all the dwarf varieties. Vines are dwarf, vigorous, and very productive. A late maturing sort, with large, smooth, bright red, very solid fruits having thick meaty walls; of fine flavor. Produced in clusters of 3 to 5, and vines are close jointed. The form, habit and color of the bush are the same as Dwarf Champion, the only difference being the color of the fruit.

Avon Early. Fruits are very solid and large size early variety, nearly round, smooth and deep scarlet-red in color, making it very attractive to the eye. The quality is good, being thick-meated, of good flavor. **½ oz., 40c.**

Early Acme. Hardy, early and productive; color purplish pink.

John Baer. We have a splendid uniform stock of this variety.

Red Head (New). An exceptionally fine, large, bright red variety, as early as Chalk's Jewel and nearly as large as Stone and as productive; fruits nearly globe-shaped; very solid; vine of medium growth; an excellent canning variety. **½ oz., 65c.**

Gulf State Market. The best of the early, purple-fruited varieties. In season with Early Detroit, while fruit is larger, smoother, more globe shaped; very solid, free from cracking, and productive. **½ oz., 65c.**

Ponderosa—The Giant Tomato

Of the large fruited varieties, this one is a gem. The vines are strong in growth, and when planted in good soil and pruned to a single stem, the fruit reaches 1 pound in weight. Tomatoes grow in beautiful clusters. The fruit is mostly oblong in shape, usually ribbed, is deep purple color, has solid flesh of sweet flavor, and small seed cells. **½ oz., 40c.**

Greenhouse Tomatoes

English Comet. This is a splendid variety for greenhouse. It is very short-jointed, fruiting close up to the stem. The tomatoes are of a good medium size, quite smooth, very solid and of a deep scarlet color. **Pkt., 15c; ½ oz., 35c.**

Sutton's Best of All. Sets freely and is an immense cropper. Fruits smooth, good size; deep scarlet. **Pkt., 15c; ½ oz., 35c.**

Preserving Tomatoes

The following small-fruited varieties are used for making preserves, and are also quite ornamental: **Pear-shaped Red, Pear-shaped Yellow, Yellow Plum, Yellow Cherry, Red Cherry, Red Currant, Red Peach, Strawberry, or Ground Cherry.** **Pkt., 10c; ½ oz., 25c; oz., 45c.**

NAVONE

TURNIP

RZEPA
BRUKIEW

One ounce will sow 200 feet of row; one pound will sow an acre in drills; 2 pounds broadcast

Purple Top White Globe. (See cut.) This is one of the handsomest and most salable Turnips. Very desirable for either home or market gardens. It is a large, rapid growing sort, with globular shaped roots. Flesh is pure white and the top bright purple. On account of its shape it will outyield any other sort and is always a sure cropper.

Early White Egg. Matures very quickly and is adapted for either spring or fall sowing. It is egg shaped, and very smooth with thin skin. The tops are small, and the roots, which grow above the ground, are of medium size, with pure white skin and flesh which is fine grained and sweet.

Early White Milan. Extra early white of most delicate flavor and tempting appearance.

Red Top Strap Leaf. A standard sort extensively grown for private use.

Long White or Cow Horn. A quick growing, long variety, flesh fine grained and sweet, excellent for table use.

Early Purple Top Milan. Earliest of all purple-topped Turnips.

Golden Ball. A rapid grower of excellent flavor, globe shaped, medium size; bright yellow color, good keeper and a superior table variety or for use in feeding stock.

Yellow Aberdeen, Purple Top. Very hardy and productive, good keeper, globe shaped, fine quality. The Turnips grow to a large size and are valuable for feeding stock.

Yellow Stone. One of the best yellow flesh sorts for table.

Seven Top. Grown exclusively for the tops, which are becoming very popular for greens.

Rutabagas

Sow Rutabagas in June and July in drills two feet apart; thin out to nine inches in row.

Long Island Improved. A yellow-fleshed purple top variety, grown either for stock or table.

Perfection White. The best white variety offered.

SWEET,POTANDMEDICINAL HERBS

Anise. Aromatic. Used medicinally. Pkt., 10c; oz., 20c.

Arnica. (P) Used medicinally. Pkt., 15c; oz., \$1.00.

Balm. (P) Leaves used medicinally. Pkt., 10c; oz., 35c.

Basil. (A) Used for flavoring. Pkt., 10c; oz., 35c.

Chamomile. (A) Emetic, vermifuge. Pkt., 15c; oz., \$1.00.

Caraway. (A) Seeds used in confectionery. Pkt., 10c; oz., 30c.

Catnip. (P) Used Medicinally. Pkt., 10c; oz., 50c.

Coriander. (A) Used in confectionery. Pkt., 10c; oz., 20c.

Dill. Flavoring pickles. Pkt., 10c; oz., 20c; ¼ lb., 50c.

Fennel. (P) Used for flavoring fish. Pkt., 10c; oz., 25c.

Fennel, Florence. (A) Used for salads. Pkt., 10c; oz., 25c; ¼ lb., 80c.

Horehound. (P) Used medicinally. Pkt., 10c; oz., 30c.

Lavender. (P) Valuable for its perfume. Pkt., 10c; oz., 25c.

Marjoram, Sweet. (P) For Flavoring. Pkt., 10c; oz., 60c.

Rosemary. (P) Valuable as a hair wash. Pkt., 10c; oz., 35c.

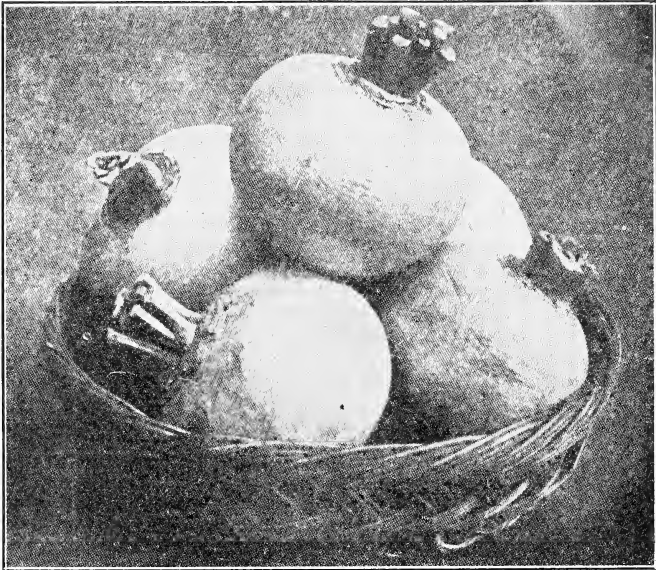
Sage. (P) Used for flavoring. Pkt., 10c; oz., 75c.

Summer Savory. (A) For flavoring. Pkt., 10c; oz., 45c; ¼ lb., \$1.75.

Sorrel. (P) Salads and greens. Pkt., 10c; oz., 30c.

Thyme. (P) Used for seasoning. Pkt., 10c; oz., 75c.

Wormwood. Pkt., 10c; ½ oz., 35c; oz., 60c.



Purple Top White Globe Turnips

Dusters for Insecticide Powders



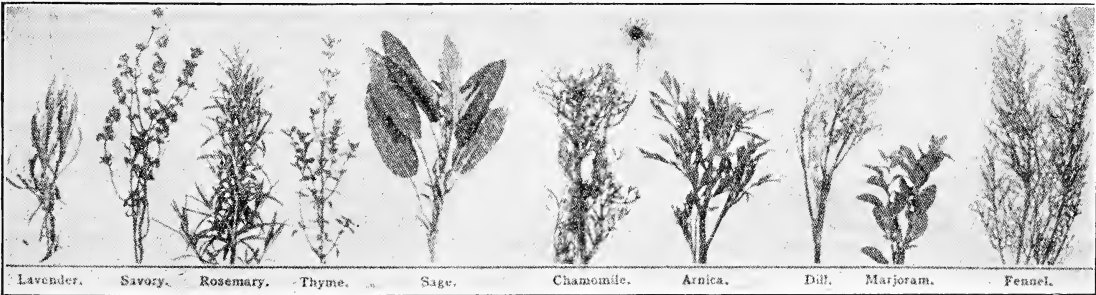
Vermorel Duster

Vermorel "Orange" Duster. Knapsack, Bellows type; has no wheels, cogs, belts or other complicated mechanism that would give trouble. Equipped with fine and coarse screens, and an adjusting slide to regulate volume of flow. Capacity, 6 quarts. Price, \$16.00.

Vermorel "Double Action" Duster. The flow from this machine is continuous. Capacity, 6 quarts. Construction is slightly heavier than the "Orange." Price, \$21.00.

Tin Dusters, for sifting powder on plants. Price, 60c.

TURNIP, YELLOW			
	Pkt.	Oz.	¼ lb.
Golden Ball	\$0.10	\$0.20	\$0.40
Yellow Aberdeen .....	.10	.20	.40
Yellow Stone .....	.10	.20	.40
TURNIP, WHITE			
Cow, Horn .....	.10	.20	.30
Early Purple-Top Milan.....	.10	.20	.50
Early White Milan.....	.10	.20	.55
Purple-Top Strap-leaved....	.10	.20	.35
Purple-Top White Globe....	.10	.20	.40
Snowball .....	.10	.20	.40
White Egg .....	.10	.20	.35
TURNIP			
Seven-Top (for greens).....	.10	.20	.45
RUTABAGA			
Long Island Improved.....	.10	.20	.35
Perfection White .....	.10	.20	.50



PLANT THE
BEST**EARLY DENT SEED CORN**PLANT THE
BEST

It costs less than 75 cents an acre to use our carefully selected SEED CORN. Do not consider it wise to risk seed of doubtful ancestry when PEDIGREED SEED is so cheap! All prices subject to market fluctuations.

Johnson's First Choice Yellow Dent**Quick Maturing—Heavy Yielding—Tipped and Butted**

This excellent variety possesses so many good points that we offer it as one of the best early yellow Dent Corns. The plant is strong, deep rooted and stocky, enabling it to withstand drought in a remarkable manner. The Corn matures in 85 days from planting. It is a very heavy yielding variety, nearly all stalks bearing two ears, some three. The ears are medium sized with a very small cob which is covered from tip to tip with a very beautiful golden yellow dent corn. The ears average from 7 to 9 inches in length. In addition, it is the finest variety for second or late planting in more southerly locations.

Our seed of First Choice has been carefully selected for many years by an expert in Southern Michigan and is, therefore, especially adapted to Northern Ohio and like latitudes. Qt., 50c; ½ pk., 95c; pk., \$1.75; bu., \$6.50.

Early Huron Yellow Dent

Stalks grow about 7 to 8 feet high and set the ears 3½ to 4 feet from the ground. Ears measuring 8 to 10 inches in length, very uniform in size and shape. Color is a clean, light golden. The seed we offer has been grown in Northern Ohio for many years. Qt., 45c; ½ pk., 95c; pk., \$1.75; bu., \$6.00.

Improved Leaming Yellow Dent

Improved Leaming is medium early. The ears are large with very deep bright yellow kernels. The cob is small. The stalks grow to a medium height and often produce two large ears and make first-class fodder. One of the best varieties to sow for fodder and ensilage, as well as for grain. Qt., 45c; ½ pk., 95c; pk., \$1.75; bu., \$6.00.

Northern Ohio White Dent

The brightest silver colored Corn. The ears are very large, extra long, medium depth of kernel, extremely firm and solid. It matures early, having originated in Northern Ohio. Qt., 45c; ½ pk., 95c; pk., \$1.75; bu., \$6.00.

White Cap Yellow Dent

It is a strong grower, resists heat and drought; yields large crops on thin soil; matures in 90 to 100 days, stalks 8 to 10 feet high, ears 8 to 10 inches long, well filled with 16 to 18 rows, packed solidly on a small red cob. The outer end of the grain is white and deeply dented, balance amber yellow. Qt., 45c; ½ pk., 95c; pk., \$1.75; bu., \$6.00.

Johnson's "Ohio White" Ensilage

This variety is quite similar to the famous Blue Ridge Ensilage and is the most productive of all ensilage Corns. It makes a very large growth, with abundant fodder, very large ears with broad kernels. The seed we offer is tipped and butted by hand. Qt., 45c; pk., \$1.75; ½ bu., \$3.00; bu., \$5.50, f. o. b. Cleveland; bags free.

Red Cob Ensilage

A pure white Corn cropping as high as 45 tons of fodder per acre. Sweet, tender and juicy. An excellent silo Corn. Bu., \$4.00; bag of 2½ bu. for \$9.25, including grain bag.

SELECTED SEED OATS NORTHERN
GROWN**New Johnson Oats**

The New "Johnson" Oats originated in Michigan. The heads are large and branching and loaded with big, plump, thin-hulled and bright grain.

Its roots run deep into the soil, thus supplying the plant with moisture and food even in a dry season. It stools surprisingly, so that one peck less should be sown per acre. It is plump and heavy, often weighing 36 to 40 lbs to the bushel. The straw is very stiff and of medium height, holding up its large, well-filled heads on the richest ground when other varieties lie flat. The "Johnson" are not side Oats. Prices of Choicest Michigan Grown Seed, bu., \$1.75; 5 bu. or more at \$1.70 per bu.; 10 bu. at \$1.65 per bu. Grain bags free.

Improved Swedish Oats

The grain is white, large and plump, ripens early, has a stiff straw of good length. It stools freely and throws up a large number of stems, and therefore requires less seed per acre. Choicest Michigan Grown Seed. Bu., \$1.55; 5 bu. at \$1.50; 10 bu. at \$1.45. Grain bags free.

New Sensation Oats

They are noted for vigorous growth and large, white, plump grains, with thin hull, weighing 40 lbs. per bu. with ordinary thrasher cleaning. On account of large per cent of meat in the kernels they are well suited for oatmeal and other Oat products. Choicest Michigan Grown Seed. Bu., \$1.50; 5 bu. at \$1.45; 10 bu. at \$1.40. Grain bags free.

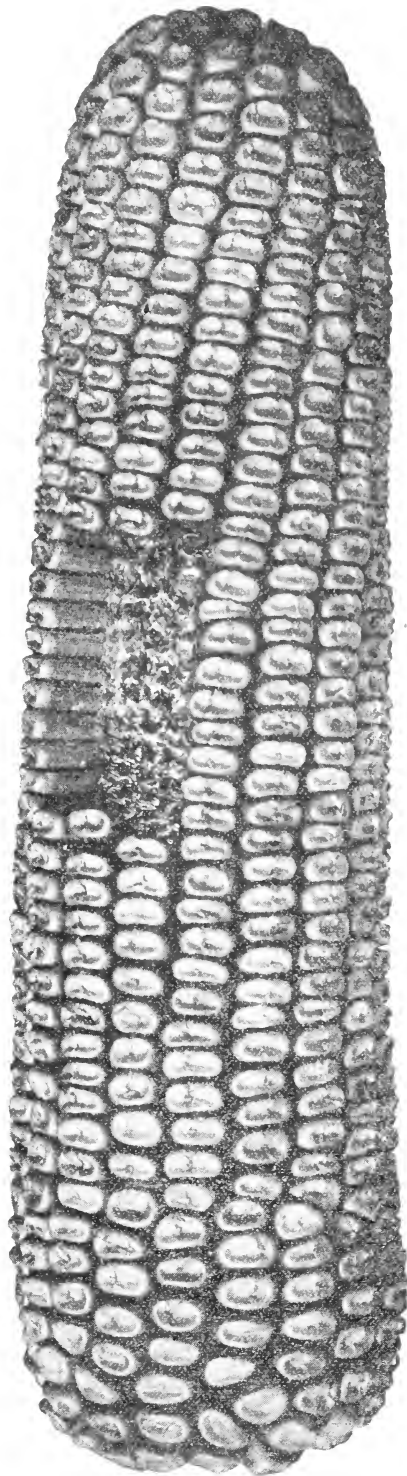
Bonanza Oats

This old standard sort is still very popular as it can be depended upon to produce good yields under adverse conditions. Bu., \$1.50; 5 bu. at \$1.45; 10 bu. at \$1.40. Grain bags free.

Silver Mine Oats

This Oat has a reputation as an exceedingly heavy and reliable yielder. It is very hardy and prolific and yields beautiful white kernels, which are especially desirable for the manufacture of rolled oats.

The heads are very large in proportion to the stiff, bright, clean straw. Bu., \$1.50; 5 bu. at \$1.45; 10 bu. at \$1.40. Grain bags free.



Johnson's First Choice Corn

Johnson's High Grade Farm and Clover Seed

About prices. It is impossible to quote firm prices at the time our Catalog is printed, owing to the fact that the market fluctuates so much. We will always be pleased, however, to quote by letter if you will drop us a line when you are ready to buy. We handle only the highest grades.

CLOVERS—Highest Grades Only

Prices Vary—Special Quotations on Application
Alfalfa, or Lucerne (*Medicago sativa*). It is sown during May, August and September. Careful preparation of the soil previous to sowing is the main thing. Sow not less than $\frac{1}{2}$ bushel (30 lbs.) per acre, preferably with no other crop. Our seed is always over 99 per cent pure, and will invariably give the best results. **Choice Non-Irrigated Western Grown Seed. Price on application.**

Grimm Alfalfa. Claimed to be hardy in any and all regions, a heavy yielder and of deeper rooting ability. It requires only about 10 lbs. of Grimm Alfalfa to properly seed an acre, on account of its great root system and spreading habit. **Price on application.**

Alsike, or Swedish Clover (*Trifolium hybridum*). One of the best for mixing with timothy; it is hardy in every climate or soil condition and seldom has to be reseeded. The flower resembles the white clover except that the head is larger and has a red tinge on the edge. Sow 10 to 15 lbs. per acre alone, or 8 lbs. per acre with timothy. **Price on application.**

Bokhara, or Sweet Clover (*Melilotus alba*). While extensively used as a bee food, this is a valuable variety for soiling (green manure); for sowing in spring on lands which are later to be sown in Alfalfa, this is excellent. It grows from 3 to 5 feet high, according to soil and location; can be cut as often as three times in a season. Sow 15 lbs. per acre in early spring, alone, or 10 lbs. per acre with other crops. We handle only the true white flowering hardy variety. **Choice Hulled Seed. Price on application.**

Crimson Clover (*Trifolium incarnatum*). This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure it should be allowed to mature; its height is 1 to 2 feet. Sow any time from April to October, the earlier the better; 20 lbs. to the acre. Late summer or fall seeding is usually practiced. It is not hardy for more than one season and must be sown each year. **Price on application.**

Mammoth Red Clover (*Trifolium pratense perenne*). Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium" being of a ranker growth and yielding more fodder per acre. Sow in early spring or in July and August, using 20 lbs. per acre alone, or with other crops, 10 lbs. per acre; flowers pink. **Price on application.**

Red Clover, Medium (*Trifolium pratense*). More widely known and used than any other; used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. Cut twice in a season. It is hardy for a period of years, being usually resown every third season; flowers pink. **Prices on application.**

GRASSES

Orchard Grass (*Dactylis glomerata*). A valuable pasture Grass, adapted for growing in shady, moist places. Sow 20 lbs. per acre. **Prices on application.**

Kentucky Blue Grass (*Poa pratensis*). Extensively grown in all parts of the country. We handle only the fancy cleaned seed. Sow 2 to 3 bu. per acre. **Lb., 90c.**

Meadow Fescue (*Fescue pratensis*). A valuable Grass for permanent pasture. Sow 35 lbs. per acre. **Prices on application.**

Sudan. A new forage plant for hay and silo. Six to ten feet high, makes small leafy stems and is greatly relished by stock. Sow seed when ground has become warm, using 4 to 6 lbs. per acre, in drills 18 to 24 inches apart, and cultivate like corn. **Prices on application.**

Red Top (*Agrostis vulgaris*). Suitable for meadow, lawn or pasture. Sow 20 lbs per acre. **Price, solid seed, Lb., 30c.**

Timothy or Herd Grass (*Phleum pratensis*). Produces a profitable hay crop in almost any soil. Sow 20 lbs. per acre. **Per lb., 25c. Write for sample and present prices.**

Farmogerm Inoculating Bacteria

High-bred nitrogen-fixing bacteria; makes poor soil good to raise the biggest and best crops of peas, beans, sweet peas, clover and other legumes. Farmogerm Inoculating Bacteria will do it and add nitrates to the soil to benefit future crops of any kind. Write for booklet. All ACRE SIZE bottles of Farmogerm sell for \$1.00. Send your order stating what you wish to inoculate.

FARM SEEDS

Barley Wisconsin Pedigree Barley. Our stock is grown for us in Wisconsin where it originated, and after careful selection we think we have the truest and most uniform stock ever produced. Heads are unusually large and long; grains plump and brighter than any other variety. **Write for prices.**

Beans Soja (*Soja hispida*; *Glycine hispida*). A valuable legume that makes an ideal crop for plowing under to improve wornout soil. Excellent also as ensilage and green fodder, being rich in protein. Thrives during hot and dry weather. Sow in June at the rate of 30 lbs. per acre, in drills 30 inches apart.

Hollybrook Early Yellow. Makes a quicker growth and matures its crop 2 to 3 weeks earlier than Mammoth Yellow Soja. **Erect growing. Write for prices.**

Buckwheat Easily grown either as a green manure crop, for bee pasture, or for grain. Sow after June 15th, using 50 to 60 lbs. per acre.

Japanese. The most desirable variety. It is of much stronger growth than the common Buckwheat and the kernels are fully twice the size.

Silver Hull. The seed is light gray color, varying slightly in shape. **Prices on application.**

Broom Corn Improved Evergreen. The most popular variety of Broom Corn grown for market. The brush is of good length and retains the light green color when properly cured; shows almost no red color. **Lb., 15c; 5 lbs., 50c; 15 lbs., \$1.20; 50 lbs., \$3.50.**

Millet One of the most important "catch" forage crops that can be grown. Is palatable to stock, nutritious, grows quickly, crops heavily, and is much in favor among dairymen. Thrives best on a deep, rich, warm soil.

Golden, or German. We have found the Southern grown Golden Millet far superior in quality and yield to the Northern grown seed and will produce an enormous yield of nutritious food. Sow in May or June, 50 lbs. to the acre. **Lb., 15c; 5 lbs., 50c; 15 lbs., \$1.25; 50 lbs., \$3.50.**

Hungarian (*Panicum Germanicum*). It is one of the very best plants for green fodder or for ensilage; makes hay of the best quality. Sow broadcast about 50 lbs. to the acre. **Lb., 15c; 5 lbs., 50c; 15 lbs., \$1.25; 50 lbs., \$3.50.**

Japanese Barnyard Grass (*Panicum Crus-galli*). May be sown from the middle of May to the first of July. Is distinct from other varieties. Grows from 6 to 8 feet high. Twenty-five pounds will sow an acre. **Lb., 15c; 5 lbs., 40c; 15 lbs., \$1.05; 50 lbs., \$2.75.**

Peas Canada Field. For milch cows. Also makes ensilage of fine quality. Usually sown broadcast and harrowed in at the rate of 150 lbs. per acre. **Lb., 15c; 5 lbs., 50c; 15 lbs., \$1.35; 50 lbs., \$4.00.**

Cow Peas. Cut green they make excellent hay, then the stubble with the new growth may be turned under as fertilizer. **Price, on the following most popular varieties, on application.**

Whip-Poor-Will. Light brown, speckled dark brown.

Early Black Seeded. Well adapted northern sections.

Rye Spring. For a catch crop this is best for sowing in the spring. Does not yield as large a crop of grain as the Winter Rye. Sow 60 to 90 lbs. per acre. **Lb., 15c; 5 lbs., 50c; 15 lbs., \$1.20; 50 lbs., \$3.50.**

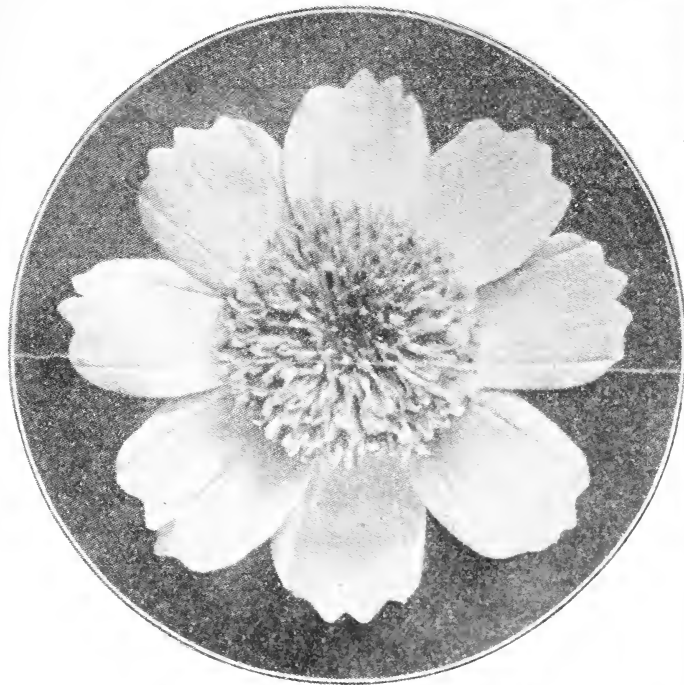
Winter (Rosen type). This should be sown in the fall early enough to get a start and will stand our New England winters. Ready for delivery in July. **Lb., 10c; 5 lbs., 35c; 15 lbs., 75c; 50 lbs., \$2.20.**

Sugar Cane or **Sorghum, Early Amber.** Valuable for the large amount of foliage, green fodder, it produces and for its grain. Ripens wherever Indian Corn matures. **Lb., 15c; 5 lbs., 60c.**

Winter, or Hairy Vetch (*Vicia villosa*). Sand or Hairy Vetch is becoming more popular with those who wish to grow more forage, for it is especially adapted as a soil fertilizer. It succeeds and produces a good crop on poor, sandy soil, and is perfectly hardy. Sow from July to November, broadcast at the rate of from 20 to 30 lbs. to the acre, with one bushel of oats or rye, for either will assist in holding the Vetches off the ground, allowing a better growth and earlier harvesting. If sown alone, 30 to 40 lbs. per acre should be used. **Lb., 25c.**

NOVELTIES AND SPECIALTIES IN FLOWER SEEDS

For General List of Flower Seeds, see pages 36 to 47



COSMOS

Extra Early Double Crested or Anemone Flowered

We have now succeeded in producing an extra early strain of the Double Crested which are just as beautiful as the late and come into flower as early as the Extra Early Singles.

	Pkt.	1/8 oz.
Crimson King	20c	75c
White Queen	20c	75c
Malmaison Pink	20c	75c
Finest Mixed	15c	65c

POPPY

American Legion. This new single Shirley poppy is a dazzling orange-scarlet of enormous size, borne on long, stout stems. The plants are of very erect robust growth and the flowers are wonderful keepers when cut in bud. A bunch was a beautiful sight for several days when put in water after a four-day trip from California in an ordinary box without the benefit of refrigeration. **Pkt., 15c; oz., 80c.**

Sunbeams. This is the result of a cross between the Shirley and Nudicaule types. The flowers are charming shades of orange, salmon, maize and other tints. The blooms keep well in water which makes it a fine cut flower for baskets or vases. **Pkt., 25c.**

Nudicaule New Art Shades. A charming collection of colors in the Iceland Poppy family, including apricot, burnt orange and lovely pink shades. **Pkt., 15c.**

HELIANTHUS (Sunflower)

Angustifolius (Autumn Glory). A magnificent fall flower; plants stand 5 to 7 feet and burst into a solid bloom of the clearest and richest golden yellow, somewhat like the Golden Glow but still more showy in late fall and continues long after frost. Blooms from seed the first year. If you like yellow in the garden, be sure and try this. **Pkt., 15c; 2 pkts., for 25c. 1/4 oz., 75c.**

HELIOTROPE

Madam Bruant. Heliotropes grow readily from seed and flower all summer. This is a dwarf growing variety with violet blue flowers with white eyes. Very distinct, good for bedding. **Pkt., 25c.**

Four Fine Asters

Heart of France. The best pure red Aster ever introduced. Heart of France opens red as a ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing a glow and sheen quite unique. The flowers are large and full with no trace of a hollow center; the plants are of branching type and very robust; stems long and strong. **Pkt., 20c; 1/8 oz., 40c; 1/4 oz., 75c.**

Violet King. The habit is similar to the popular Giant Branching, vigorous growth, long stiff stems. In form the flower is entirely distinct from any other variety; petals somewhat resemble the quilled varieties, but are much larger and broader, those in the center being curled and incurved, completely covering the crown. In shape and size the bloom is round, full and very large. **Pkt., 20c; 1/8 oz., 40c; 1/4 oz., 75c.**

New White Perfection. A distinct race of upright asters. Flower of branching type, but very strongly whorled, making the center very well covered, so well that it is almost impossible to grow this aster with yellow center. Flower large snow white, stems long, plant very robust. The full double form of the flower makes a very shy production of seed, hence the following high prices. **Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 60c.**

Pink Enchantress. Flowers soft delicate pink; always full double, petals of medium length and very broad. Plant upright in habit; stems long, strong and graceful. Mid-season. **Pkt., 15c; 1/8 oz., 50c; 1/4 oz., 85c.**

One packet of above Fine Asters for only 50c

YELLOW COSMOS (Klondyke)

Golden yellow flowers borne on long stems, and measures from 2 1/2 to 3 1/2 inches across. To get this variety in bloom before frost in the states north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower. **Pkt., 15c; 2 pkts., 25c.**

Chinese Woolflower

(CELOSIA CHILDSI)

This unique type of Celosia plumosa forms large globular heads like balls of wool or chenille, which looks as if made out of some silky material. The plants 2 to 3 feet in height, branch freely, each branch terminating with a flowerhead. It continues to flower from early summer until frost, and is very effective for gardens, either massed or grown as individuals. Valuable for cutting as they retain their bright color for weeks. **Crimson, Pkt., 15c; Pink, Pkt., 15c; Mixed, Pkt., 15c.**

Antirrhinum Maximum

This wonderful new group of Snapdragons far surpasses anything yet introduced. In habit they are slightly taller than the Majus group. The flowers are of magnificent size closely placed on the spike. The group as a whole is slightly variable in size and color. All at 20c per pkt. One pkt. of each color for 75c.

Indian Summer. Copper brown.

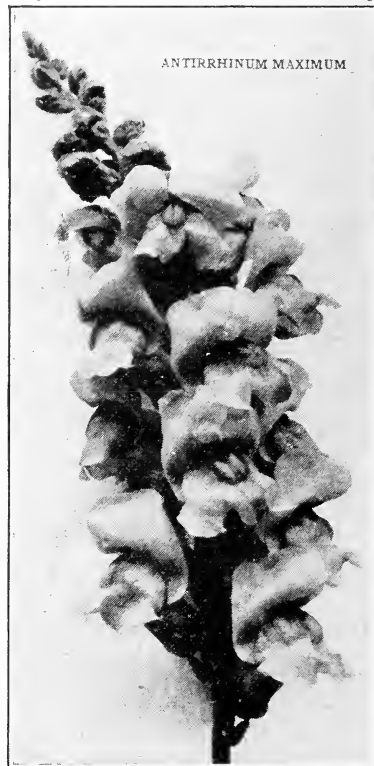
Bunch of Lilac, lilacy purple.

Diamond, golden yellow, lilac throat.

Golden Queen, deep yellow.

Purple King, deep glowing purple.

Maximum Mixed.



Antirrhinum Maximum

New Early Beauty Aster

This new strain of the popular Beauty Aster is as early as Crego, and thus has a distinct advantage over the original Beauty Aster, which was too late for many locations. We recommend this new early strain for the most critical lovers of Asters. The blooms are magnificent in size, and the long stems are very useful. It is a wonder for continuous blooming. We offer the following most effective colors:

	Pkt.		Pkt.
Carmine Rose	20c	Rose	20c
Lavender	20c	September Beauty ..	20c
Purple	20c	Finest Mixed	20c

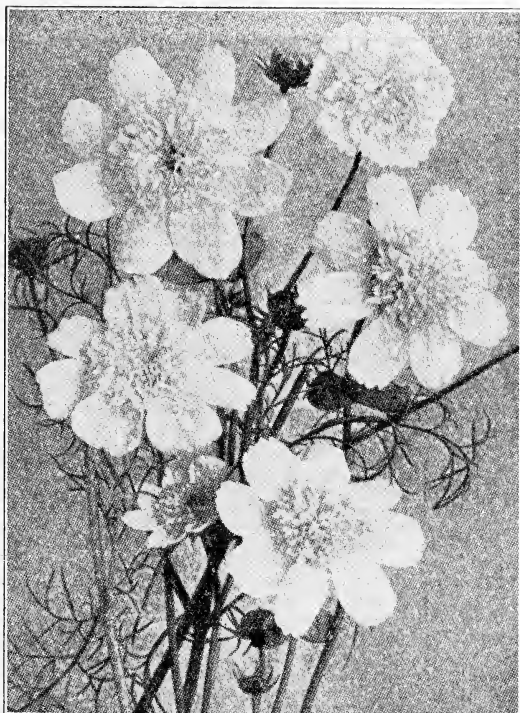
One packet each color for 75c

Orange King Calendula

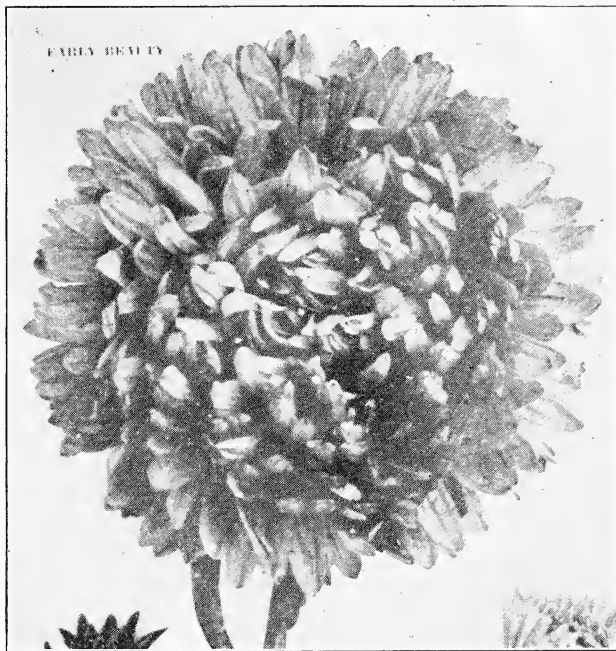
Ball's Greenhouse Strain. This is an exceptionally fine Calendula for forcing. Color orange with a light center; long stems with very large uniformly double flowers. A very select strain grown for us with the greatest of care for our customers. The plants in the open ground under ordinary field cultivation attain a growth of eighteen inches high and produce blossoms three and a half inches in diameter. What they will do under intensive hothouse culture can be left to the imagination. Pkt., 20c; $\frac{1}{4}$ oz., 50c; $\frac{1}{2}$ oz., 90c; oz., \$1.75.

New Antirrhinum (Snapdragon)

Katherine Morse. A new color and form of flower in Antirrhinum. The color is soft tones of old rose and yellow. The tube is soft old rose and face of flower yellow suffused with old rose. The top of the flower is beautifully waved. Pkt., 15c.



New Double Cosmos



Early Beauty Aster

Candytuft

Giant Hyacinth Flowered White Extra Select. A very select strain worked up from a single plant selection made in 1916. This parent plant threw ten perfect spikes, but the average from the offspring is six and seven. We believe this to be the finest strain of this variety offered. Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 85c.

Anemone Flowered Cosmos

Some years ago when this new Cosmos was first offered we considered it a notable addition to this beautiful family of easily grown annuals for cutting. We are pleased to announce, however, that, due to painstaking effort on the part of an American grower, this strain has been further improved upon, in size of flower, greater degree of doubleness, and general vigor of plant. Many of the flowers are entirely double, while others have an attractive collar which adds, we think, to its beauty. We offer three distinct colors, as well as a mixture of all three.

Double Pink. Beautiful rose-pink.	} Per pkt., 15c; $\frac{1}{2}$ oz., 40c.
Double White. Pure glistening white.	
Double Crimson. Rich rose-crimson.	
Double Mixed. Mixtures of all three.	

Mammoth Flowering Stocks

Heatham Beauty. A magnificent recently developed variety of early-flowering Winter or Brompton Stocks, forming much-branched plants about 2 feet high and having numerous spikes of very large, double, delightfully fragrant flowers of a rich mauve color, shaded terra cotta. They are of special value as pot plants for greenhouse decoration and for cutting during the dull winter months; for this purpose seed should be sown from July to September. If sown in February or March will produce plants that will bloom out of doors from mid-summer till frost. Pkt., 15c; 2 pkts., 25c; $\frac{1}{2}$ oz., \$1.00.

Delphinium XXX Hybrids

For a number of years we have been carefully selecting Delphinium varieties with a view to making a mixture which would contain all the most beautiful shades of color obtainable in a perfect blend. Various formulas were tried out in our Experimental Grounds over a period of several years with the result that we now have a strain of Mixed Delphinium Hybrids on which we can put our highest mark of approval. Pkt., 20c; 2 pkts., 35c; $\frac{1}{2}$ oz., 50c.

Gaillardia Grandiflora

"DAZZLER"

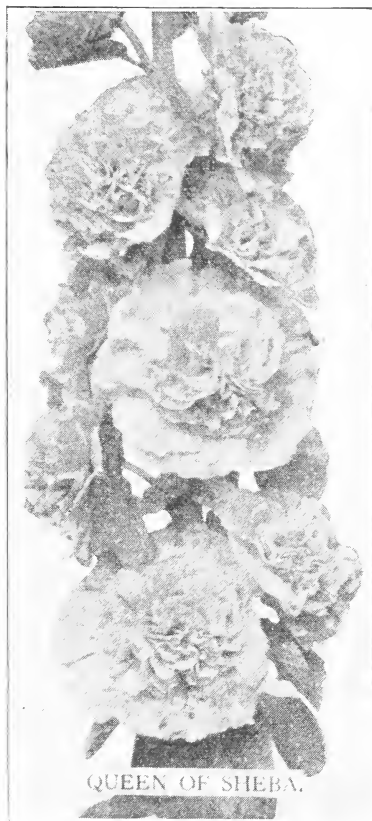
Few flowers rival the Gaillardia for making a gorgeous display in the garden and this fine new variety is an advance on all others of its class. Originating from Lady Rolleston it produces larger flowers with wider florets, often attaining a diameter of 4 to 5 inches. The color is a bright golden yellow with rich maroon-red center, the two tints bearing a well balanced and harmonious proportion to each other. The plant is vigorous, throwing up a profusion of long and erect flower stalks, which provide excellent material for cutting and are unsurpassable for table decoration. This novelty comes very nearly true from seed. Pkt., 25c; 3 pkts., 60c.



Gaillardia Grandiflora "Dazzler"

New Hollyhock "QUEEN OF SHEBA"

A unique color in the highly perfected class of Chater's Double Hollyhocks. The very double and finely formed flowers of this superb variety are of a beautiful primrose-buff hue with rosy reflections, a lovely and most effective coloring and a great acquisition to the varied range already existing in this stately and highly decorative species. Pkt., 15c; 2 for 25c.



QUEEN OF SHEBA.

New

"Royal Bouquet"

Verbena

Wonderful as the Verbena is as a decorative plant for summer bedding, its usefulness has always been limited by its carpet-like spreading habit, and gardeners have long desired to have the plant in a compact and upright growing form. This New Variety forms a plant 15 to 18 inches high and not more than 10 inches across, no lateral branches being thrown out, and what gives this novelty its special value is the fact that the flowers will compare in size and variety of color with those of the finest strains of Auricula-eyed Verbena. Suitable for growing in pots. Mixed Colors. In packets only, 25c.



New Verbena, "Royal Bouquet"

ZINNIAS

Giant Dahlia Flowered

We are pleased to be able to offer this Zinnia in separate colors this year. The plants are of the same vigorous habit as our Giant Double-flowering varieties listed on this page. They attain the height of 3 feet, producing mammoth flowers averaging 6 inches across by 3 to 4 inches in depth, similar in shape to the Decorative Dahlia. We consider them a fitting companion to our strain of Giant Double-flowering Zinnias.

We offer 12 of the most wanted colors, separately, as well as a splendid mixture of many colors, as below:

Exquisite. Truly DAHLIA flowered as regards form and size. Color light rose with center a deep rose.

Old Rose. This is adequately described by its name, as it is of the real Old Rose Shade; it is large, and for charm and beauty we consider it ranks next to Exquisite.

Illumination. Similar to Exquisite, but a striking self color of deep rose.

Golden State. A very rich orange yellow. Yellow in the bud, turning to an attractive orange when in full bloom.

Crimson Monarch. The largest and best of red shades. Flowers often eight inches in diameter. Plants very vigorous. A marvelous production of extraordinary merit.

Scarlet Flame. A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal. This is not a bicolor.

Meteor. A rich, glowing deep red and the darkest of all the red shades. Fine form, with good depth of petal. Very large and more floriferous than other reds.

Oriole. We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named.

Dream. A fine, deep lavender, turning to Mallow Purple, a new desirable shade in Zinnias.

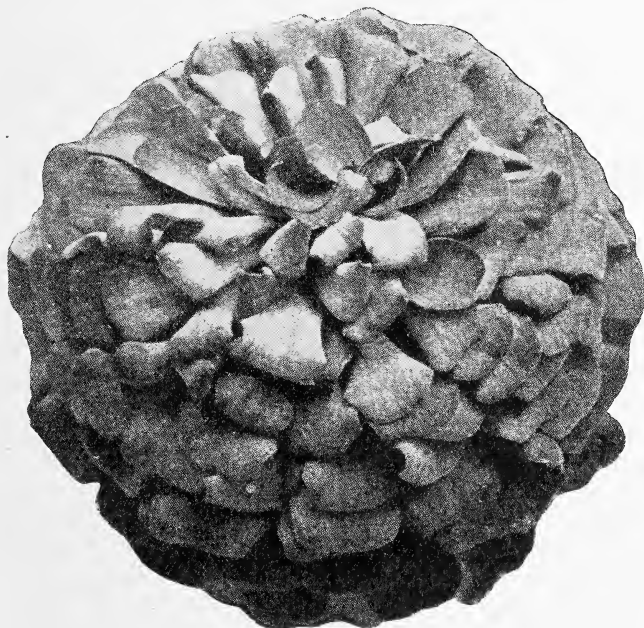
Polar Bear. A very large pure white, the best white yet seen in Zinnias. True Dahlia form.

Buttercup. An immense deep creamy yellow. A very desirable flower, which should be included in every collection.

Canary Bird. A delicate shade of primrose—very large and holds its color well until out of bloom.

Special Mixture. A well blended mixture containing the above novelties.

Per pkt., 20c; $\frac{1}{4}$ oz., 75c.



Giant Double Zinnia



Dahlia-Flowered Zinnias

Three Special Zinnias

Giant Double Quilled Achievement. The petals are partially tubular or quilled, giving the flower somewhat the appearance of a cactus dahlia and displaying a rich variety of colors mostly of the warmer shades, such as, salmon, old rose, deep rose, lilac, bronze and dark red tones. On the reverse side the petals are light or dark lilac, making a wonderful combination of colors. Pkt., 15c; 2 pkts., 25c.

Giant Picotee. A remarkable new and distinct class with beautiful double flowers in orange, flesh, lemon, pink and cerise, each petal being distinctly tipped with various shades of dark, resembling the Picotee Carnations. Pkt., 15c; 2 pkts., 25c.

Watermelon Pink, Pumila Double Zinnia. A very pleasing and charming shade. Extra double flowers, produced on regular dwarf plants. Only 18 inches tall. Include in your order a pkt. of Zinnia watermelon pink, if you want a pleasant surprise. It is a beautiful color. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

Johnson's Double Giant Zinnias

Our special strain of this grand old free and continuous flowering annual produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of 3 feet and bearing on long stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early summer to late autumn.

	Pkt.	$\frac{1}{4}$ oz.	Oz.
Giant Golden Yellow	\$0.10	\$0.40	\$1.00
Giant Scarlet .....	.10	.40	1.00
Giant Burnt Orange .....	.10	.40	1.00
Giant Salmon .....	.10	.40	1.00
Giant Flesh .....	.10	.40	1.00
Giant Sulphur Yellow .....	.10	.40	1.00
Giant White .....	.10	.40	1.00
Giant Violet .....	.10	.40	1.00
Giant Purple .....	.10	.40	1.00
Giant Crimson .....	.10	.40	1.00

Collection of a packet of each of the above 10 colors for \$1.10.

One pkt. each of 5 varieties your selection for 60c.

Giant Mixed Colors. Pkt., 10c; $\frac{1}{4}$ oz., 35c; oz., 90c; $\frac{1}{4}$ lb., \$3.25; lb., \$12.00.

THREE BALCONY PETUNIAS

These three varieties, which we offer here this year in order to give them wider prominence, are a select type of the plain edged Petunia which by reason of the habit of the plant is well adapted for window-box culture. The plants are symmetrically formed, grow about 1 foot high, and the flowers are rich and pure, measuring 3 inches across. We offer them in three distinct colors: **Balcony Blue, Balcony Rose and Balcony White.** Mixture of all three, Each pkt., 20c; 3 pkts., 50c.

SWEET WILLIAM

(*Dianthus Barbatus*)

Johnson's Giants. The range of color includes shades which are not to be found in other strains, and the peculiar and delicate marking on the flowers are most attractive. **Johnson's Giants** are a great improvement on the old-fashioned kinds, inasmuch as the colors and size of flower are far superior, being grown from selected seed. Sweet Williams look well in solid beds of mosses and require a good, rich well manured soil to grow them to perfection, excellent border plants and fine for cut flowers. Plants grow 18 to 24 inches high. **Pkt., 15c; 2 pkts., 25c.**

Dentatus Hybrids. An exceedingly effective strain of alpine Pinks of hybrid origin, neat tufted habit, producing their gaudy flowers in the greatest profusion throughout the summer and autumn months. Flowers are large and exceedingly varied, from snow-white to the deepest crimson, splashed, spotted and fringed in the most fantastic manner. Totally distinct from anything yet seen in this family. **Pkt., 25c.**

LILIUM REGALE

(The Regal Lily)

It is absolutely hardy, and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy oppressive odor of most lilies. Blooms out of doors early in July, and seedling bulbs will flower the second year. **Pkt., (35 seed), 25c; 5 pkts., \$1.00.**



Balcony Petunias

NEW PERPETUAL-FLOWERING HARDY PINKS

(*Dianthus Allwoodi*)

We have offered plants of this beautiful strain of Hardy Pinks for several years, and are again able to offer the seed, our supply of which comes to us direct from the introducer, a noted English specialist. It is expected that the seed will produce an average of 75% double, deliciously clove-scented flowers in many colors. They are perfectly hardy, and flower continuously from spring until late in the autumn. **Pkt., 35c; 3 pkts., \$1.00.**

NEW PETUNIAS

Large Flowering

Dwarf California Giants. The habit of the plant is very dwarf, flowers very large and of the finest substance, very fine range of color. **Pkt., 30c.**

Copper Rose. Enormous flowers of wonderful color with a deep white throat, deeply veined—a shade that attracts and holds your attention. The substance of the petals is firm with a velvety surface. Free flowering, but shy seeder. **Pkt., 30c.**

Pink Glory. The color is pure flame rose pink without a trace of purple. The flowers measure 3 to 4 inches in diameter and are slightly ruffled. The plants grow compact to a height of 12 to 15 inches and are continually covered with flowers. Excellent for bedding. **Pkt., 30c.**

Romany Lass. One of the finest introductions of recent years. The flowers are of the large Fluffy Ruffle type. The color is a clear bright velvety blood red with purple throat, striped in black. **Pkt., 30c.**

Small Flowering

Blue Bird (Nana Erecta Violacea). A fine companion to Rosy Morn, same habit and freedom of bloom. Color steel blue, splendid for borders, pots or window boxes. The best small-flowered blue, compact Petunia to date. **Pkt., 25c.**

Rose of Heaven. Color rich brilliant rose, with inconspicuous white throat, darker than Rosy Morn, a compact grower, very free blooming, the flowers cover the foliage. Unexcelled for pots, window boxes and bedding—a truly wonderful acquisition. **Pkt., 25c.**

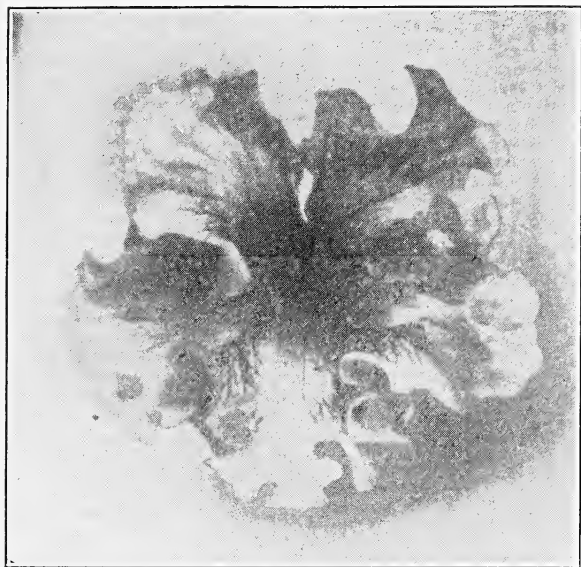


New Perpetual-Flowering Hardy Pinks
(*Dianthus Allwoodi*)

NEW SWEET PEA

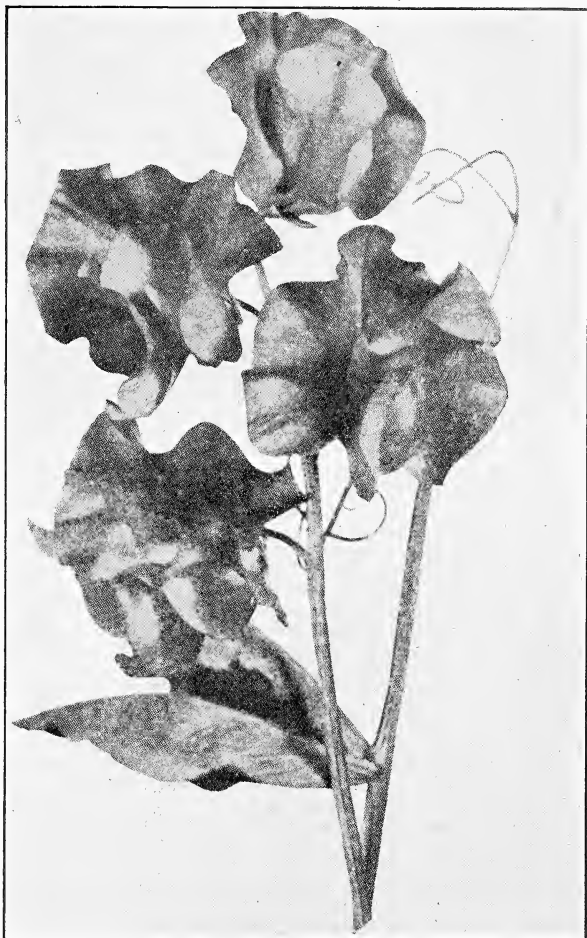
New Crimson King Sweet Pea

New Crimson King is unquestionably the finest self colored Crimson Sweet Pea ever introduced. The strong growing vines produce freely the very long stemmed sprays of four fine large blossoms. The color is a solid, rich, deep crimson throughout, becoming richer in the throat. The texture of the petals is thick and the opaque effect most pronounced. The flowers are very large, of grand form, and are borne on stout stems. **In packets only, 10c; 3 pkts., 25c.; oz., 75c.**



PETUNIA

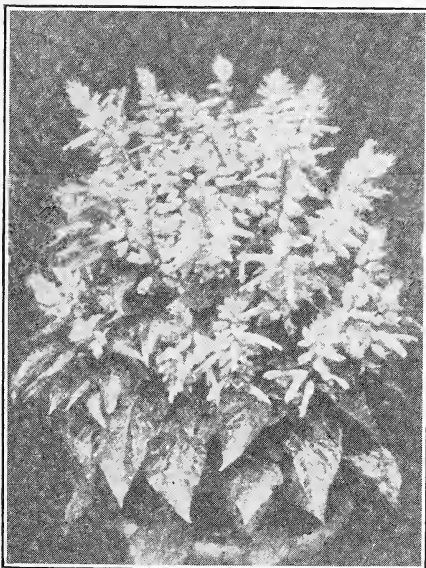
Special Ruffled Giants. Our wonderful strain of Ruffled Giants should not be confused with the strains sent out by other growers under this name. The flowers are of immense size, beautifully ruffled and have been rogued down to color and form by a famous Petunia specialist. We make the assertion that there is not a finer strain of this famous Petunia in existence. **Pkt., 25c.**



New Sweet Pea, Crimson King

TWO FINE NEW SALVIAS

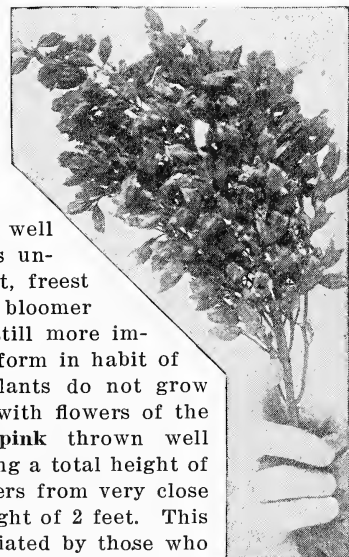
America or Globe of Fire



A new variety of this popular flower. The bushy plants of this New Salvia do not grow over 15 inches high, although, with the large spikes of brilliant scarlet flowers thrown well above the plant, it attains a total height of about 2 feet. If desired for borders or beds, this is indeed an acquisition on account of its uniformity of height. A continuous bloomer. **Pkt., 25c; 1/4 oz., \$1.00; 1/2 oz., \$1.75.**

New Bouquet Rose Salvia

The outstanding feature of this New Bouquet Rose Salvia is its marvelous evenness of growth. A row of it looks like a well trimmed hedge and is undoubtedly the earliest, freest and most continuous bloomer of all, and, what is still more important, the most uniform in habit of growth; the bushy plants do not grow over 15 inches high, with flowers of the most pleasing rose pink thrown well above the plant, making a total height of about 2 feet. It flowers from very close to the ground to a height of 2 feet. This feature will be appreciated by those who use it for beds or borders. **Pkt., 20c; 6 pkts., \$1.00.**



Bouquet Rose Salvia

Johnson's Selected Flower Seeds

GENERAL LIST

In the following pages we offer a carefully selected list of Flower Seeds, in which no want of the flower-garden has been overlooked, the numerous varieties insuring a wide range of color, form, height, habit and season, thus permitting selection for any and every ornamental purpose.

ALL FLOWER SEEDS ARE SENT POSTPAID AT PRICES GIVEN

The following abbreviations are used in our Flower list.

A.—Annuals.

H. H. A.—Half Hardy Annuals.

H. A.—Hardy Annuals.

B.—Biennials.

H. B.—Hardy Biennials.

P.—Perennials.

H. P.—Hardy Perennials.

Ageratum H. H. A. Flowers forming in heads and blooming continuously all summer. Valuable for borders and edgings.

	Pkt.
Mexicanum. Finest mixed, 18 in.....Oz., 75c	\$0.10
Blue Perfection. Dark blue, 18 in.....Oz., \$1.25	.10
Dwarf Imperial. White .....Oz., 60c	.10
Dwarf Imperial Blue. Deep blue.....¼ oz., 25c	.10
Little Blue Star. Fine for bedding, 9 in.....	.20
Little Dorrit. Azure blue.....¼ oz., 30c	.10

Agrostemma Free-flowering, with attractive bright colors, on long slender stems like a single pink.

Cœli-rosa (Rose of Heaven). H. H. Bright rose. 18 in.....Oz., 50c	.10
Flos-Jovis (Jove Flowers). H. P. Bright pink. 18 in.....Oz., 50c	.10

Aloysia (Lemon-scented Verbena). G. P. Fragrant foliage; useful for bouquets.

Citriodora. 2 ft.....	.10
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Alyssum, Sweet H. A. One of the best known annuals; used extensively for bordering and edging, also valuable for cutting. Flowers from early summer till late fall.

Benthami (Sweet Alyssum). Fragrant, 10 in.....4 oz., \$1.00; oz., 35c	.05
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Little Gem, Snow-white Carpet Plant. The plants, which are only a few inches high, grow so dense and are so completely covered with snow-white blossoms they create the impression of a beautiful snow-white carpet. Our strain of this is unquestionably the best in the world, one plant like another, absolutely perfect.....¼ oz., 25c; ½ oz., 40c; oz., 80c; ¼ lb., \$2.60; lb., \$10.00

Lilac Queen. Beautiful lavender lilac color.....	.10
.....½ oz., 20c	

HARDY ALYSSUM

Saxatile Compactum (Gold Dust). H. P. Yellow. 9 in. Excellent for bordering perennial gardens¼ oz., 25c	.10
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Amaranthus

Caudatus (Love-Lies-Bleeding). Crimson.....	.10
Cruentus (Prince's Feather). Dark red.....	.10
Finest Mixed .....	.10

Ammobium

(Winged Everlasting).

Alatum Grandiflorum. A very attractive annual everlasting; flowers are silvery white with yellow disc; grows best in light soil. 2 ft.....¼ oz., 20c	.10
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Ampelopsis

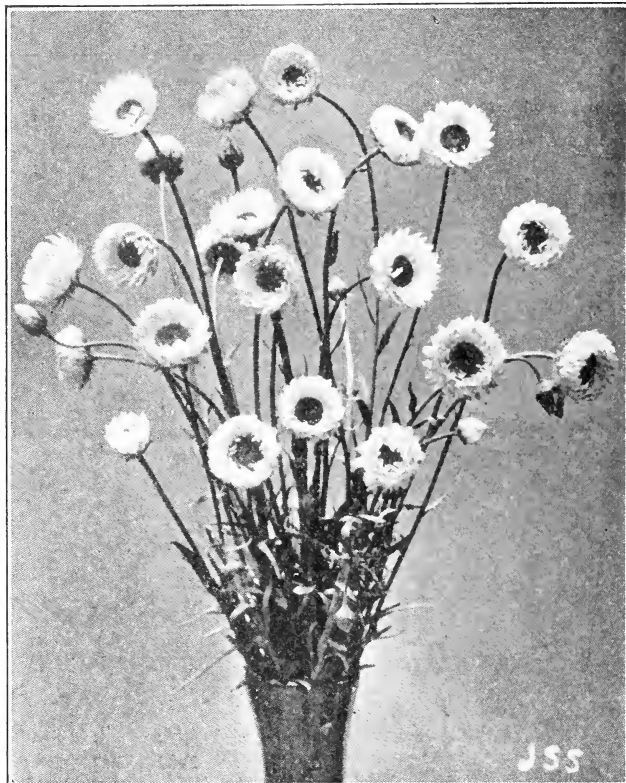
Veitchi (Boston Ivy). A very elegant hardy vine, attaching itself to stone, brick or woodwork.Oz., 50c	.10
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Anchusa

"Dropmore Variety." One of the best blue perennials. H. P. The bright blue Forget-Me-Not-like flowers are borne on graceful stems during the entire season and very late into the Fall. 4 to 5 ft.....¼ oz., 40c	.20
Capensis (Summer Forget-Me-Not). H. A. A beautiful border plant with branched heads of azure blue with white eye. If sown in April will be in bloom by July. 2 ft.....	.10

Anemone H. P. One of the most beautiful perennials, having a great variety of color and flowering in May and June.

Coronaria (Wind Flower). Mixed. 9 in.....¼ oz., 20c	.10
St. Brigid (Irish Anemone). Extra large. 9 in. ....¼ oz., 30c	.15
Sylvestris (Snowdrop Windflower). Large, nodding sweet-scented white flowers, tinged lavender. 1 ½ ft. April-May.....	.15



Acroclinium

Abutilon (Flowering Maple). Tender perennial shrub of easy culture. Finest Mixed Colors. Excellent for flowering indoors.....	Pkt. \$0.15
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Achillea (Sneezewort or Milfoil). H. P. Double. Daisy-like flowers; blooms from June till October.	
The Pearl. Pure white, 2 ½ ft.....¼ oz., \$1.25	.15

Aconitum (Monkshood). H. P. Long spikes of helmet-shaped flowers; excellent for shady locations.	
Napellus. Blue, 3 ft.....¼ oz., 75c	.10
Wilsoni. Dark rich blue, 3 ft.....¼ oz., 60c	.15

Acroclinium (Everlasting). H. A. Extensively used as a dried flower for house decoration. They should be gathered before fully open and tops hung downward to dry.	
Double Mixed. 1 ft.....¼ oz., 30c	.10
Single Mixed. 1 ft.....¼ oz., 20c	.10

Adonis

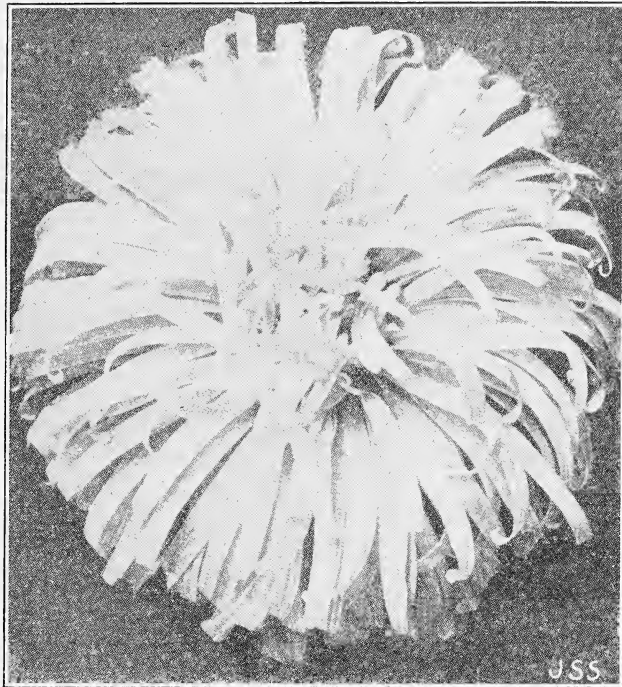
Æstivalis (Flos Adonis). H. A. Deep green foliage and scarlet flowers.....¼ oz., 25c	.10
Autumnalis (Pheasant's Eye). H. A. Flowers Crimson, dark center, 1 ft.....¼ oz., 25c	.10
Vernalis. H. P. Finely cut foliage, bright yellow flowers, blooming early in May.....	.10

Antirrhinum (Snapdragon).

	Pkt.
Giant White. Large flowering.....	\$0.10
Giant Scarlet. Large flowering.....	.10
Giant Yellow. Large flowering.....	.10
Giant Mixed. Large flowering.....	.10
Half Dwarf White. Large flowering.....	.10
Half Dwarf Crimson. Large flowering.....	.10
Half Dwarf Yellow. Large flowering.....	.10
Half Dwarf Mixed. Constant bloomers.....	.10
New Maximum. (See page 30.)	.10

Aquilegia (Columbine)

Long-Spurred Hybrids. A beautiful strain, comprising shades and combinations of blue, white, yellow, orange, orange-scarlet and bright rose-pink, in large flowers with long spurs..2 pkts. 25c	.15
Cerulea. (Rocky Mountain Columbine). Flowers large, petals white, sepals deep blue, spurs very long; one of the most beautiful.....	.10
Vulgaris. The common European Columbine, flowers rich violet blue. A strong and easy grower.....	.05



Crego's Giant Comet Aster

Arabis (Rock Cress). H. P. Alpine trailing plant. Flowers borne on erect spikes, pure white and blooming very early. Useful in sunny rockeries and well drained borders.	
Alpina. 9 in. Dwarf White.....	.10

Arcototis H. A. Daisy-like flowers, pure white with light blue center, often 3 inches across.	
Grandis. 2½ ft.....	.10

Armeria (Thrift Sea Pink). Grand plants for crevices of wall and rocks, and also for growing in flower borders or as permanent edgings; excellent plants for the sea coast. June-July.	
Alpina. Purple flowers in July.....	.10
Formosa. 9 in. Pretty rose pink. Grand for borders .....	.10

Asparagus Very graceful plants extensively grown for cutting, the foliage being used in all designs, bouquets, etc.	
Plumosus Nanus.....50 seeds, 55c; 100 seeds, \$1.00	.25
Sprengeri......50 seeds, 30c; 100 seeds, 50c	.10

Argemone Grandiflora (The Prickly Poppy). 2 ft. Lovely plants with an ornamental foliage and large, handsome poppy-like flowers, snowy white, filled in the center with golden stamens, very beautiful.....	.10
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Artemisia Sacrorum Viridis (Summer Fir). Ornamental foliage plant. It forms pyramidal bushes 3 to 5 ft. high. The foliage is a rich, dark green color.....	.15
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ASTERS

For early flowering the seed should be started in the house, hotbed or cold-frame in April, transferring them to their flowering quarters as soon as danger from frost is past. For August and later flowering it is just as well to sow them in the open in May, preferably in a prepared seed bed, transplanting them when two or three inches high to where they are to bloom, although they may be sown where they are to flower with equally as good results.

We make a great specialty of this popular flower, securing our stocks from the most skillful growers only, and we confidently recommend them. Aster Plants are ready in June.

Simple's Branching Asters

These are especially valuable for cut flowers, because of their handsome flowers and long stems. They bloom two to three weeks later than most sorts. We offer them in eight separate colors, **Pure White, Crimson, Lavender, Peach Blossom, Shell Pink, Bright Pink, Rose, and Dark Purple.**

Price, Separate Colors	1/8 oz., 35c; 1/4 oz., 50c	Pkt.
Choicest Mixed	1/8 oz., 30c; 1/4 oz., 50c	.10

Royal Asters

A new class of American Aster. Its habit of growth is entirely distinct, the stems growing directly from the ground and not on side-shoots from the main stem like other varieties. A medium early bloomer. We offer the following colors: **White, Shell Pink, Rose Pink, Lavender, Purple.**

Separate Colors	1/8 oz., 35c; 1/4 oz., 65c	\$0.10
Finest Mixed	1/8 oz., 35c; 1/4 oz., 65c	.10

Crego's Giant Comet Asters

We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. We offer five colors, viz.

White. Pure white.....	Pkt.
Pink. Delicate shell-pink.....	.15
Purple. Bright purple.....	.15
Rose. Rich deep rose.....	.15
Lavender. Deep lavender .....	.15
Collection of a packet each of the 5 colors,	60c.
Crego's Mixed. All colors. 15c per pkt.; 60c per 1/4 oz.	

American Beauty Asters

A recently developed late flowering strain coming into bloom in late September, and being at their best through October, the plants grow nearly 3 feet high, and bear their very large, densely double flowers on long, strong stems. We offer four beautiful colors.

Carmine Rose. Bright cerise-rose.	
Lavender Beauty. Soft lavender.	
Purple Beauty. Rich, deep purple.	
September Beauty. Delicate shell-pink.	
Price: 15c per pkt.; a pkt. each of the 4 colors, 50c.	

New Red Aster "Sensation"

This is the reddest of all Red Asters, the color being a rich garnet or ox-blood red, which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers averaging 3½ inches across are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. 15c per pkt; 2 pkts.. 25c.

Ostrich Plume

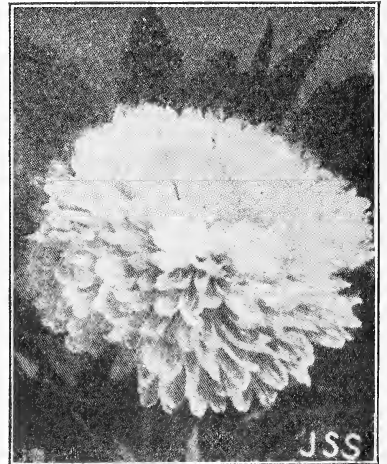
The finest type of the Giant Comet or Ostrich Feather type of Aster. Much larger than the Giant Comet, the petals longer, more twisted, and produced in greater abundance. Borne on long stems, they make cut flowers par excellence. We offer the following colors: **White, Delicate Pink, Dark Blue, Light Blue, Crimson.**

Separate Colors	Pkt.
..1/8 oz., 35c.	\$0.10
Finest Mixed .....	.10
..1/8 oz., 30c.	

Lavender Gem Aster

One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems and of the most charming shades of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting.

Finest Mixed	\$0.15
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Samples Branching



Improved Victoria Aster

Improved American Victoria Asters (Daybreak)

This is by far the finest of all Asters for beds or borders where an even growth and a mass of flowers are wanted for effect; the sturdy upright plants, 12 to 14 inches high, carry not less than 50 flowers each, producing a mass of color unequalled by any other; blooms from early August till late October. (See cut.)

	Pkt.
Daybreak. Delicate La France pink.....	\$0.15
Purity. Purest white .....	.15
Pale Lavender. A delicate shade .....	.15
Rose-pink. Rose, shading to blush-pink.....	.15
Salmon-pink. Rich salmon-pink, exquisite.....	.15
Azurea. Rich, deep lavender-blue.....	.15
Collection of a packet each of the above 6 colors..	.60
Choicest Mixed. All colors.....	¼ oz., 75c .10

Hardy Perennial Aster

Mixed (Michaelmas Daisies). Single fall-flowering hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 feet ¼ oz., 50c .10

Queen of the Market Asters

This variety is about two weeks earlier than most other sorts. The flowers are quite large, very double, and are valuable for cut flower purposes. The following are the most distinct colors: **Pure White, Blush Pink, Bright Pink, Rose, Dark Blue, Lavender, Light Blue and Crimson.**

Price, any color	¼ oz., 35c \$0.10
Mixed Colors	½ oz., 30c; ¼ oz., 50c .10

King Asters

Of the late branching type. Bloom round, full and very large, and of a soft violet shade; stems long and stiff. August and September. 2 to 2½ feet.

Lavender King. Soft lavender blue.....	.15
Pink King. An attractive delicate shell pink.....	.15
Rose King. A beautiful brilliant rose variety.....	.15
Violet King. A pleasing soft shade of violet.....	.15
White King. Pure white .....	.15
Crimson King .....	.15
Finest Mixed	½ oz., 35c .10

Johnson's "Peerless Pink" Aster

This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower..... 2 pkts., 25c .15

Imperial or Mikado Asters

Similar to the Crego's Giant but dwarfier in growth, and comes into bloom fully two weeks earlier. Height about 18 inches, of branching habit, and the flowers, borne on long, strong stems, are of colossal size, 5 to 6 inches across being the rule.

Mikado Pink or Rochester.....	.15
Mikado White. Of purest glistening white.....	.15
Mikado Mixed .....	.10

Astermum Asters

A strain of Comet Asters which, on account of their size and Chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about 2 feet high, and come into bloom a little earlier than the Crego's Giant. We offer three fine colors, as under:

Lavender. A rich shade of lavender or light violet.....	.15
Pink. A very attractive shade of lively rose-pink..	.15
White. Purest snow-white .....	.15

A packet of each color for 35c.

China Asters

General Mixture. This mixture was saved from the many double flowering sorts grown the past season ¼ oz., 35c .10

Balloon Vine (Love in a Puff). H. H. A. Climber; rapid grower; flowers white; seed-pods shaped like miniature balloons. Seed should be sown in March and planted in the open, latter part of May or June in sunny location.

White. 7 feet.....	¼ oz., 20c .10
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BABY'S BREATH. (See Gypsophila.)

Balsam (Lady Slipper). H. H. A. Plants of pyramidal growth bearing rose-like flowers which cover the whole plant; flowers profusely all Summer. In soil well fertilized excellent results will be obtained. 2 feet.

Double Prize Winner Mixture	¼ oz., 60c .10
Double Camellia Flowered—Finest Mixed	¼ oz., 50c .10
Double Rose-Flowered—Finest Mixed	¼ oz., 20c .10

Bean H. A. Climber Flowers from July to September. Very ornamental, thriving in any ordinary soil.

Scarlet Runner. 8 feet .....	.10
White Runner. 8 feet.....	.10
Butterfly Runner. Large, pink and white blossoms.	.10

Bocconia

Cordata (Plume Poppy). 5 ft. A handsome border plant, having large lobed heart-shaped leaves with silvery under surface and flower plumes of a pretty cream color. Seeds..... .10

Begonia (Ever-Blooming Bedding Varieties). They are of sturdy growth, growing about 1 foot high and forming dense bushes, which from May until frost, are completely hidden with flowers. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. The seed being very fine, should be sown on top of box, pressed in soil not covered.

Gracillis rosea. Bright rose color. Pkt., 25c	
Prima Donna. Flowers of a light rose, shading deeper toward center. Pkt., 25c.	
Pink Beauty. Delicate pink with dark foliage. Pkt., 25c.	
Lumina. Large, bright, deep scarlet flowers; satiny brownish red foliage. Pkt., 25c.	
Alba. Pure white. Pkt., 25c.	
Semperflorens Vernon. Scarlet flowers. Pkt., 25c.	
Erfordii grandiflora superba. Plants compact and bushy, have glossy foliage and are literally covered with most delicate pink flowers. Pkt., 50c.	
Erfordii rubra. New. Deep red. Pkt., 50c	



Balsam (Lady Slipper)

Begonia TUBEROUS-ROOTED VARIETIES

	Pkt.
Single Tuberous-Rooted Mixed. Saved from finest exhibition varieties, all having large, well formed flowers of many brilliant shades of color.....	\$0.35
Double Tuberous-Rooted Mixed. Produced on strong, erect stems, an abundance of very brilliant double flowers, ranging from brilliant rose to carmine, often with white margin or mottling. Very striking .....	.50
Friiled Tuberous-Rooted. Seed saved from selected, best frilled flowers.....	.35

Bellis Perennis (Double Daisy). H. P. These are favorite perennials; seed should be sown from June 1st till September, transplanted in the fall and protected during the winter, and they will flower the following spring. If sown in the spring they will flower in the autumn 4 inches.

Finest Mixed. Extra. 4 in.....	¼ oz. \$1.25	.10
Longfellow. Bright rose. 4 in.....	¼ oz. 1.50	.15
Snowball. Pure white. 4 in.....	¼ oz. 1.50	.15
Giant red, Maxima fl. pl. Extra fine. 4 in.....		.25
Monstrosa alba. Giant pure white.....		.15
Monstrosa rosea. Giant rose .....		.15
Monstrosa. Finest mixed.....		.15

Boltonia (Falso Chamomile). H. P. This Aster-like hardy plant is useful for cutting, remaining in bloom a long time.

Latisquama. Delicate pink.....	½ oz. 75c	.10
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Brachycome (Swan River Daisy). A. Free-flowering, dwarf-growing annuals with pretty blue or white flowers..... ¼ oz. 40c .10

Browallia H. A. Excellent free-flowering, Verbena-like flowers. Flowering all Summer in the open, also excellent house plants for winter use. 18 in.

Elata Finest Mixed	½ oz. 20c	.10
Speciosa Major. Extra large; deep blue.....		.15

Calceolaria Flowers borne in clusters of pocket-like lobes of various self colors and handsome spotted varieties. Especially adapted for house and greenhouse culture, making excellent exhibition plants.

Johnson's Prize Mixed. 1½ ft. The gorgeous beauty of these flowers renders them indispensable for greenhouse decoration. Is a very desirable flower. Bears a large profusion of small, pocket-shaped flowers, which are beautifully tigered or spotted, 300 seeds50 |

Rugosa Aurea, Rain of Gold. Golden shades for bedding25 |

Rugosa, Mixed. Includes nearly all the beautiful shades for bedding25 |

Calendula (Pot Marigold). H. A. Large double flowers, blooming all summer, closing somewhat at night and opening slightly on cloudy days; flowers borne on long, stiff stems. 2 ft.

Meteor. Large double yellow, each petal striped with orange ¼ oz. 40c | .10 |

Prince of Orange. Like Meteor, but darker...Oz. 45c .10

Orange King. Very large, double, dark orange.....Oz. 50c .10

Double Sulphur. Very large and extremely double flowers of a pleasing sulphur yellow color...Oz. 45c .10

Ball's Forcing. This new Orange Calendula represents a very great improvement in size, length of stem and fullness of flowers. It has exhibited these superior characteristics uniformly for the past 4 years. (See page 31).....¼ oz. 50c .20

Finest Mixed Oz. 35c | .10 |

Calliopsis One of the most effective of our hardy annuals; very showy in open garden and excellent for cutting; flowers borne on individual stems 18 inches in length. 2 ft.

Golden Wave. (Drummondii.) Rich golden-yellow with small chestnut brown center; very free; 12 inches ¼ oz. 25c | .10 |

Crimson King. A fine dwarf sort, 9 inches high, color rich velvety crimson-garnet.....¼ oz. 30c .10

Tiger Star. Plants not over 9 inches high, flowers of rich reddish-brown, tigered with golden yellow, not unlike some of the orchids.....¼ oz. 30c .10

Choicest Mixed ¼ oz. 30c | .10 |

CALIFORNIA POPPY. See *Eschscholtzia*.

Campanula

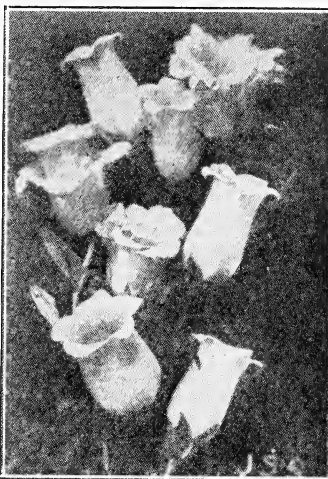
(Bellflower)

A family containing beautiful border plants, several varieties beautiful as pot-plants. Mainly hardy biennials and perennials.

Pkt.

Calycanthema (Cup and Saucer). H. B. Delightful in form and colors, and elegant subjects for the garden or for pot culture. 2 to 2½ feet. We offer - Pink, Blue, White or Mixed. ½ oz. 60c \$0.10

Medium (Canterbury Bell). H. B. Large bell-shaped flowers in many shades. Elegant border or pot-plants. We offer Single White, Dark Blue, Light



Canterbury Bells

Blue and Rose in separate colors or Mixed..... .10

Carpatica (Harebell). H. P. Dwarf plants with cup-shaped flowers, suitable for borders, edging, etc. Blue or White.....¼ oz. 75c .10

Canary Bird Vine A. Grows 15 to 20 ft. A dainty vine with beautiful cut leaves and pretty, delicate flowers of a clear canary-yellow. From the color of its blossoms and also from a fancied resemblance of their shape to a bird with wings expanded the plant obtained its common name. Does well in the shade Oz. 40c | .05 |

Candytuft H. A. Admirably adapted for borders. They come into flower early and bloom profusely for a long period. Very popular also for cutting. Our strains of Candytuft are the best obtainable.

Giant Hyacinth-Flowered White. 1 ft. A grand border plant, bearing very large, bold spikes of snowy white flowers, habit sturdy and compact. This is an especially select stock Oz. 60c; ¼ oz. 20c .10

Empress. Pure white, splendid cut flowers...½ oz. 25c .05

Crimson. Rich deep shade Oz. 40c | .05 |

Purple. 1 foot.....Oz. 40c .05

Carmine. Carmine, 1 ft.....Oz. 40c .05

Carmine. Flesh colored, 1 ft.....Oz. 40c .05

White Fragrant. Flowers small, but sweetly scented Oz. 35c | .05 |

Mixed Colors. A splendid mixture.....Oz. 25c .05

Candytuft H. P. Plants very compact, blooming early in the spring; excellent for bordering perennial gardens.

PERENNIAL VARIETIES

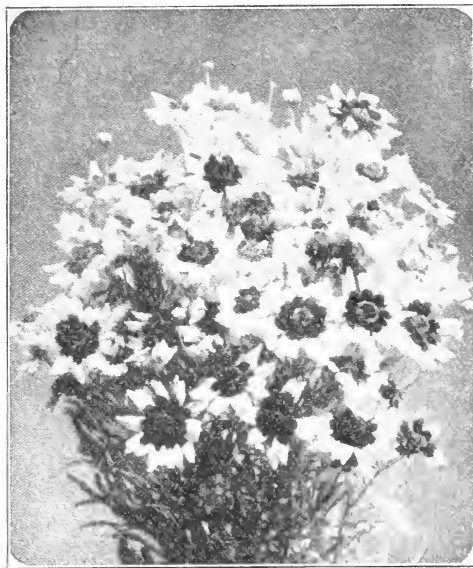
Pkt.

Semperflorens. A beautiful perennial of trailing habit, covered with white flowers in spring.....\$0.10

Gibraltarica Hybrids. A dwarf, compact form, with purple and white flowers; 1 foot.....¼ oz. 40c .10



Calendula—New Forcing Orange King



Single Annual Chrysanthemum

Chrysanthemum

- Single Mixed.** Annual. Large range of colors..Oz. 35c .05
- Double Mixed Coronarium.** Annual.....Oz. 35c .05
- Hardy Pompon.** A fine strain of the old-fashioned hardy fall-flowering sorts, with double button-like blossoms, .25
- Mixed Colors**25
- Canna Dwarf French Mixed.** Dark leaved sorts, (For Roots see page 57) Oz. 25c .05

- Cardinal Climber** Beautiful and distinct annual climber. It is a strong and rapid grower, attaining height of thirty feet or more, with a beautiful, deeply lacinated foliage, and literally covered with a blaze of circular fiery cardinal red flowers from mid-July till frost. The flowers are about 1½ inches in diameter, and are borne in clusters of 5 to 7 blooms each. ¼ oz. \$1.00 .15

- Carnations** These are general favorites for their richness of color and delightful fragrance; they are desirable for greenhouse culture in winter as well as for the garden in summer
- Chabaud's Everblooming, Mixed.** Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely...½ oz. 40c .25
- Choice Mixed.** Double border varieties...½ oz. 40c .15

MARGUERITE CARNATIONS

- These are the most satisfactory of the annual pinks, and will bloom in for months after sowing the seed. The flowers are large, fragrant and are produced continuously. If slightly protected they will survive an ordinary winter and bloom the following spring
- White** ½ oz. 40c .10
- Yellow** ½ oz. 40c .10
- Pink** ½ oz. 40c .10
- Scarlet** ½ oz. 40c .10
- Choice Mixed** Oz. \$1.50; ½ oz. 25c .10

- Celosia Plumosa** (Feathered Cockscomb). Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as cockscombs, described above.

- Thompson's Superb** (Triomphe de l'Exposition). Of pyramidal growth, attaining a height of 3 feet, and producing graceful, feathery plumes of the most brilliant crimson..... ¼ oz. 30c .10

- Childsi** (Woodflower). Bloom starts early with a center head, round and globular, which at times reaches the immense size of 2 feet in circumference. When in full bloom looks like an immense bouquet. Deep crimson scarlet. Plant 2 to 3 feet high10

- Thompson's Magnifica.** Similar to the preceding, but ranging in color from the clearest yellow to the darkest blood red ¼ oz. 40c .10

- Golden Plume.** Bright golden yellow plumes...¼ oz. 30c .10

- Plumosa, Mixed.** Feathered varieties in all colors ¼ oz. 25c .05

- Celosia Cristata** (Cockscomb). Free-flowering annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or sown out of doors in May, Pkt.

- Empress.** Rich crimson; combs of colossal proportions \$0.10

- Glasgow Prize.** Immense, showy dark crimson combs... .10

- Queen of the Dwarfs.** This we consider the finest of the dwarf-growing Cockscombs. The plants grow only 8 inches high, beautiful dark rose-combs10

- Dwarf, Mixed.** Fine dwarf varieties..... ¼ oz. 35c .10

- Cerastium** (Snow - In - Summer). **Tomentosum.** H. P. A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial15

- Cheiranthus Allionii** (Siberian Wallflower). A very pretty biennial growing about 12 inches high with heads of brilliant orange flowers from May to midsummer. Very effective in the rockery. Usually blooms the first year from seed15

- Centaurea** (Bachelor's Button, Cornflower, Blue Bottle or Ragged Sailor). One of the most popular of our garden annuals, blooming continually all summer. Seed may be sown either in spring or autumn. Thrives well in poor soil; for best results plants should be thinned to 8 in.

ANNUAL VARIETIES

- Candidissima** (Dusty Miller). H. H. P. Silvery foliage being heavily clothed with a white downy covering. Used extensively for bordering and baskets. 1 ft..... ¼ oz. \$1.00 .15

- Gymnocarpa** (Dusty Miller). H. H. P. Fern-like foliage with silvery covering, choice. 1 ft. ¼ oz. \$1.00 .10

- CYANUS—Single.**

- Single, Finest Mixed.** 2 ft.....Oz. 35c .05

- Deep Blue** (Emperor William). 2 ft.....Oz. 40c .05

- Rose.** Bright rose, 2 ft.....Oz. 35c .05

- CYANUS fl. pl. Double.**

- True Deep Blue.**..... ¼ oz. 30c; oz. \$1.00 .10

- White**Oz. 75c .10

- Rose Pink**Oz. 75c .10

- Double Finest Mixed**Oz. 75c .10

- IMPERIALIS** (Royal Sweet Sultan). H. A.

- Flowers very fragrant, of immense size and great variety of colors.

- Finest Mixed.** 2 ft..... ¼ oz. 30c .10

- White.** 2 ft..... ¼ oz. 40c .10

- Lilac.** 2 ft..... ¼ oz. 40c .10

- Brilliant Rose** (Favorita). 2 ft..... ¼ oz. 40c .10

- Pink, White Center.** 2 ft..... ¼ oz. 40c .10

- Purple** (Graziosa). 2 ft..... ¼ oz. 40c .10

- Collection of 5 Colors**40

PERENNIAL CENTAUREAS

- Good plants for the flower border or wild garden, with thistle-like flowers. Blossom in July-August.

- Dealbata.** Reddish flowers in July; 8 to 24 inches.

- White foliage.** Seeds..... .15

- Macrocephala.** Golden yellow. Seeds..... .10

- Montana Blue.** 2 ft. Beautiful blue. Seeds..... .10

- Montana Alba, White.** Seeds..... .10

- Cineraria Hybrida** G. A. Among the most useful and ornamental of plants that can be grown for hothouse or conservatory decoration. Sow seed from July to September. Young plants require cool location and abundance of water, especially when in bloom

- Kelway's Model.** Large-flowering prize strain. Unsurpassed for color and form. 1½ feet..... .75

- Hybrida Glandiflora.** Seed saved only from the choicest specimens30

- Half Dwarf Prize Mixed.** Dwarf foliage; large flowers

- Stellata Mixed** (Star Cineraria). A charming sort for house decoration25

- WHITE-LEAVED CINERARIA** (Dusty Miller).

- Maritima Candidissima** (See Centaurea).

- Clarkia** H. A. Flowers are borne along the woody stem. Plants attain a height of 15 inches; of branching habit and easy of cultivation.

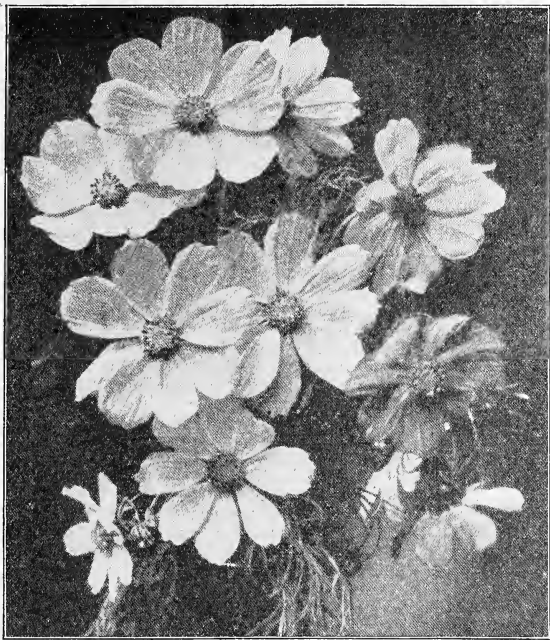
- Elegans.** Double. Finest Mixed..... ¼ oz. 25c .10

- Alba.** Pure white10

- Brilliant.** Carmine10

- Salmon Queen.** Salmon pink..... .10

- Scarlet.** Orange scarlet10



Early Flowering Cosmos.

Cleome (Spider Plant). Biennial used as an annual, flowering the first season. Flowers are a delicate rose color. Seed should be sown in March indoors.

Gigantea Hybrida. Giant Hybrids in an assortment of colors, often 4 to 5 ft. in height.... ¼ oz., 75c \$0.10

CLOVE PINKS. See **Dianthus**.

Cobæa H. A. One of the best annual climbers, attaining a height of 15 feet. Flowers bell-shaped, about 3 inches in diameter. Fine for piazza trellises and will grow indoors throughout the winter.

Plants. (See page 125.)

Scandens. Rich purpleOz. \$1.00 .10

Scandens Alba. White.....Oz. 1.50 .10

COCKSCOMB. See **Celosia**.

Coleus (Annual). **Choice Hybrids.** Our strain produces the finest colored, most attractive and novel foliage plants for house or garden culture. Easily raised. Sow indoors in March or April25

Convolvulus (Morning Glory). **Major or Tall Varieties.** One of the most popular annual climbers, growing about 15 feet in height and thriving in almost any situation.

Mixed. The ordinary variety.....Oz. 20c. .05

Double Flowering. Mixed colors.....Oz. 60c. .10

Imperial Japanese or Emperor Morning Glories are offered on page 43.

Coreopsis Lanceolata Grandiflora. This is one of the finest of hardy plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. Unsurpassed for cutting..... ¼ oz., 25c. .10

Cucumber, Wild A very quick grower for covering old trees, etc.

Echinocystis Lobata Oz., 40c. .10

Cyclamen (Alpine Violet). Charming house plants, with beautiful foliage and rich colored, fragrant flowers; universal favorites for winter and spring blooming. May be successfully raised from seed with a little care and patience. 1 ft.

Giant Flowered Cyclamen. Mixed, extra choice. 10 seeds, 30c; 20 seeds. 50c; 100 seeds, \$2.00.

Cypress Vine A popular climber noted for dainty fern-like foliage and star-shaped flowers.

Finest MixedOz., 25c. .05

Dahlia A half hardy perennial, flowering the first year, blooming as early and as freely as if grown from tubers.

Collarette. Finest mixed15

Double Cactus. Finest mixed. Very desirable..... .15

Finest Double Mixed. From choicest flowers..... ½ oz., 50c. .15

Finest Single Mixed. Best varieties only..... ¼ oz., 30c. .10

Daisy (See also *Bellis Perennis*.) **Shasta.** One of Burbank's productions which has become very popular. Many types are found in our stock, all very desirable..... ¼ oz., 50c. .10

Delphinium (Annual Larkspur). These handsome Larkspurs are very effective in borders and planted amongst shrubs. The graceful spikes of bloom are much valued for vases. They continue long in bloom. The Emperor, Hyacinth-flowered and Branching varieties bloom a little later than the Stock-flowered. Sow seed in the open border either in early spring or late fall so germination may take place very early in the spring.

STOCK-FLOWERED

Dark Blue	Lustrous Carmine
Dark Rose	(Newport Pink)
Exquisite Pink	Sky Blue
Flesh Pink	White
Lilac	

Each of the above, pkt., 10c; any 3 pkts. for 25c.

Mixed, all colors. Oz., 60c; ¼ oz., 20c; pkt., 5c.

Giant Hyacinth-Flowered Mixed. 3 ft. Derives its name from the striking resemblance of the flowers to a double Hyacinth. Delicate colors. **Pkt., 5c.**

Dwarf Rocket Mixed. 1 ft. **Pkt., 5c.**

Emperor Mixed. Produces an abundance of long, slender spikes in the most delicate colors. **Pkt., 5c.**

Special Mixture. Annual Larkspurs. A charming mixture containing all the bright and delicate shades, makes wonderful cut flower material and should be planted generously. 1 oz., \$1.00; ¼ oz., 30c; **pkt., 10c.** Pkt.

GOLD MEDAL. (Perennial Larkspur). **Hybrids.** This is a mixture of twelve of Blackmore & Langdon's finest varieties grown separately and seed mixed after harvest. The plants are of strong, vigorous habit, with immense spikes from 2 to 3 ft. long..... ¼ oz., 60c \$0.15

Belladonna (Everlasting Hardy Larkspur). This is the freest and most continuous blooming Hardy Larkspur from June until frost. Clear turquoise blue; unequalled for the hardy border.. ½ oz., 95c. .20

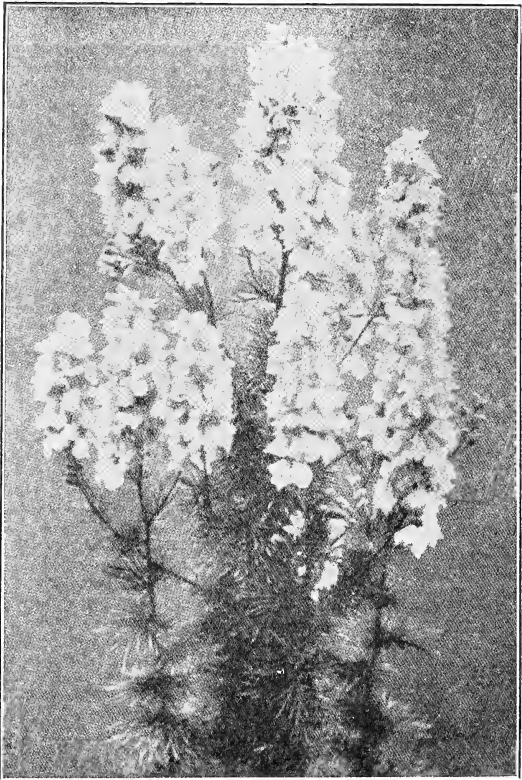
Bellamosum. This is a rich, deep blue form of the popular light blue Belladonna, having the same free-blooming and other good qualities..... .25

Chinese (Blue Butterfly). A distinct and neat variety, growing about 18 inches high, with fine feathery foliage, and producing spikes of large blossoms of intense gentian blue..... ¼ oz., 40c. .10

Album. The white-flowered form of the preceding ¼ oz., 40c. .10

Double Hybrids. Finest double mixed in great variety of charming colors..... ¼ oz., 75c. .15

Plants, see page 50.



Delphinium.

COSMOS

See pages 30 and 31

This beautiful annual is one of the most showy and useful of our garden plants. Plants grow from four to six feet in height, and are very bushy and compact. Flowers borne on long stems and are similar to single Dahlias. Foliage very finely cut. Excellent for cutting. **EARLY MAMMOTH FLOWERING.** Bearing flowers, usually from four to five inches across, and blossoming sixty days from sowing the seed.

Finest Mixture	1/8 oz., 20c	Pkt. \$0.10
Crimson	1/8 oz., 20c	.10
Pink	1/8 oz., 20c	.10
White. White, tinted rose.....	1/8 oz., 20c	.10

MAMMOTH LATE GIANTS.

Lady Lenox. Beautiful shell pink. Flowers are extra large; stems long; plants strong and vigorous.....1/4 oz., 50c .10

Lady Lenox Pure White......1/4 oz., 75c .10
(Dittany, or Gas Plant). H. P.
Dictamnus Flowers formed on long spikes; the leaves are thick and if rubbed emit a pleasing fragrance.

Fraxinella. 3 feet. An old and beautiful plant with ash-like foliage and large spikes of deep pink, purple veined flowers, excellent for cutting. 3 feet.....1/4 oz., 30c \$0.10

Digitalis (Foxglove). One of the finest of perennials, bearing long spikes of Gloxinia-like flowers of tubular shape. Plants will grow in partial shade and in almost any good garden soil; attains a height of 4 feet.

Gloxinioides, Purple.....1/4 oz., 50c .10
Gloxinioides, Rose. Bright, showy flowers borne profusely on fine spikes.....1/4 oz., 50c .10
Gloxinioides, White. Pure white flowers with dark green foliage make a fine show.....1/4 oz., 50c .10
Canariensis. A novel color, orange-brown. Of easy culture. Give slight shade and good soil.....15
Choicest Mixed. Gloxinia-like flowers.....1/4 oz., 35c .10

Dimorphothea (African Golden Daisy).

Aurantiaea. Glossy orange gold.....1/4 oz., 50c .10
New Hybrids. White and yellow shades.....1/4 oz., 50c .10

Dracaena (Dragon Plant).

Indivisa. Beautiful ornamental-leaved plants; long, narrow, green foliage; indispensable for vases and house decorations.....1/4 oz., 35c .10

Dianthus (Divine Flower). The rich coloring, with the varied forms and fringing of petals common to many varieties, renders them very attractive. They are all useful for bedding and all serviceable for cutting. The Annual Pinks may be sown in autumn or spring. An adornment to every garden.

DOUBLE ANNUAL PINKS

China or Indian Pinks (*Dianthus Chinensis*). Flowering from early summer to fall; strong, sturdy growers, suitable for beds and borders. Flowers very double and in unlimited variety of colors borne on long, stiff stems. Finest mixed.....1/4 oz., 25c .10

Japanese Pinks (*D. Heddewigii* and varieties). A beautiful class of sturdy growing plants, 10 to 12 inches high and of the same width; handsomely marbled and mottled flowers in all imaginable colors; 2 inches and over in diameter. Finest mixed.....1/4 oz., 75c .10

Diadem Pinks. Very large, showy flowers, beautifully marked and flaked. Splendid mixed.....1/4 oz., 50c .10

Royal Pink. A beautiful class for cutting; flowers large and exceedingly fragrant, very double and on long stems; colors range from white to rose, and scarlet to blood red.....1/4 oz., 50c .10

Double Fireball. Brilliant scarlet; very compact and floriferous vines; for massing.....1/4 oz., 75c .15

SINGLE ANNUAL PINKS

Crimson Belle. Large, handsome, dark red flowers.....1/4 oz., 50c .10

Eastern Queen. Flowers marbled rose and white.....1/4 oz., 50c .10

Single Royal Pink. Large flowers; petals fringed and crimped. Blood red to white in color. Finest mixed.....1/4 oz., 40c .10

"Salmon Queen." The well formed, nicely fringed flowers are a brilliant salmon color changing into a salmon rose when fading.....1/4 oz., 50c .10

Vesuvius. Brilliant geranium red; makes a very effective bed or border.....1/4 oz., 50c .10

Single Pinks, Mixed......1/4 oz., 30c .10

HARDY GARDEN PINKS

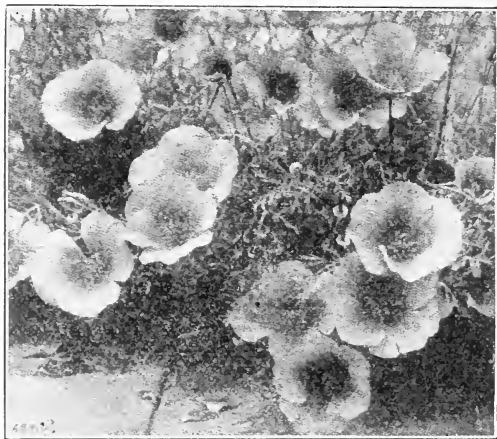
Very desirable for beds, borders, cemetery planting, etc. The flowers are highly prized for their spicy, refreshing odor.

Plumarius Cyclops (Clove Pink). An exquisite mixture of colors.....1/4 oz., 75c \$0.10

Plumarius fl. pl. (Double Hardy Scotch Pinks). Double and semi-double varieties in beautiful colors.....1/4 oz., 75c .15

Semperflorens. 15 inches. Single and double, flowers all spring and summer. Mixed colors. 1/4 oz., 50c. .15

Johnson's Special Mixture. A grand selection of clove pinks of the above Plumarius type and others.....1/4 oz., 75c. .20



Eschscholtzia—California Poppies.

Eschscholtzia (California Poppy). One of the best annuals for bedding, having large, Poppy-like flowers varying in different shades of white and yellow. Foliage is very finely cut and the plants bloom from early summer till frost.

Californica. Yellow, orange center.....1/4 oz., 50c \$0.10

Carmine King. Deep carmine.....1/4 oz., 50c. .10

Golden West (Maritima). Bright orange yellow.....1/4 oz., 50c. .10

Single Flowered, Mixed. Extra fine.....1/4 oz., 35c. .10

Double Flowered, Mixed. Very good semi-double flowers. Nice for bedding or for massing. 1/4 oz., 35c. .10

Eupatorium (Thoroughwort). **Ageratoides.** 2 feet. Pure white ageratium-like flowers; does well in shade.....10

Euphorbia Exceedingly ornamental foliage and inconspicuous flowers. Very effective in beds and borders. Prefers full sun, but will grow in rather poor soil.

Variegata (Snow on the Mountain). H. A. Fine for bordering, with its clusters of white flowers and foliage variegated green and white. 24 inches.....1/4 oz., 50c. .10

Heterophylla (Mexican Fire Plant).....1/2 oz., 40c. .15

EVERLASTING FLOWERS—HELICHRYSUM—STRAW FLOWERS

Flowers of eternal beauty, those that never fade. Unsurpassed for winter decoration, and when made into bouquets or arrayed in vases, they last for years. Should be cut and dried when in bud and blossom.

Acroclinium album fl. pl. Graceful; double, rose flowers; 1 foot.....10

Ammobium alatum grandiflorum. Clusters of pure white flowers. 2 feet.....10

Gomphrena globosa, mixed. Flesh, rose, purple and white. Known as Globe Amaranth. Very neat for pots. 1 1/2 feet.....10

Helicrystum monstrosum. Double. Splendid mixed. About six colors. 1 1/4 feet.....1/4 oz., 30c .10

Rhodanthe Manglesi. Bright rose; charming and particularly neat in pots in the spring. Three plants should be potted together as foliage is small. 1 foot.....10

Xeranthemum annuum. Very nice for summer cutting or for winter bouquets. Double; white, rose, and purple. Mixed.....10

Fern Spores Fine mixed greenhouse varieties.. .25

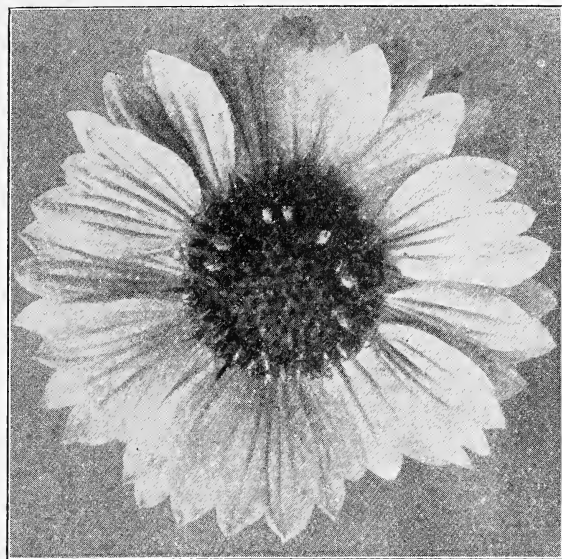
Fuchsia Double and single varieties mixed. Saved from a prize collection.....50

FEVERFEW. See *Matricaria*. Page 44.

FORGET-ME-NOT. See *Myosotis*.

FOUR O'CLOCK. See *Marvel of Peru*.

FOXGLOVE. See *Digitalis*.



Gaillardia (Blanket Flower). Very showy plants, used abundantly for borders and bedding, splendid for cut flowers. Seed should be started early and will flower continually until frost.

ANNUAL VARIETIES

Picta, Single Mixed. Annual ¼ oz., 25c Pkt. \$0.05
Picta, Double Mixed. Annual ¼ oz., 35c .10

PERENNIAL VARIETIES

Grandiflora hybrida. **Finest Mixed.** Continual bloomer; very showy and one of the most brilliant garden flowers. Fine for perennial borders. ¼ oz., 35c .10
Amblyodon. Perennial. Rich blood red; very effective 10
Kelway's Exhibition Hybrids. Entirely distinct. A grand new and improved strain. Flowers of enormous size, borne on stout stems. Choicest mixed 2 pkts., 25c .15

Geum H. P. Large, showy flowers in colors of scarlet and yellow. Fine herbaceous plants for shrubby border.

Coccineum. Much improved large flowered variety, bright scarlet flowers. 1 foot 10

Mrs. Bradshaw. Very large double flowers of the brightest scarlet color; an excellent variety. 15

Globe Amaranth (Gomphrena). H. A. Globe-shaped, everlasting flowers. When in full bloom should be cut and hung up to dry; will hold their color all winter.

Finest Mixed. 2 feet ¼ oz., 15c .05

Gloxinia Johnson's International Mixture. Magnificent house blooming plants, with handsome bell-shaped flowers in a diversity of the richest colors 50

Godetia Succeeds best in poor soil. Very free blooming.

Finest Single Mixed Annuals. ¼ oz., 20c .05

Finest Double Mixed (Ornamental). ¼ oz., 25c .10

Gourds (Ornamental). Besides the curious fruits, Gourds are desirable to cover walls, arbors, etc. Tender annual.

Small Varieties. Mixed Oz., 20c .05

We can also supply any of the followings:
Hercules Club, Dish Rag, Dipper, and Nest Egg. All at Oz., 20c .05

Grasses (Ornamental). Specimen plants, clumps or entire beds of harmonious varieties are especially interesting. They are always valuable for cutting, and may be preserved and used in combination with Everlasting Flowers for winter bouquets, decoration, etc.

ANNUAL VARIETIES

Briza maxima. 1½ feet. Quaking Grass 05

Coix Lachrymae (Job's Tears). Seeds are used as beads. 1½ feet. Oz., 10c .05

Eragrostis elegans (Love Grass). Nice for sweet pea bunching. 1½ feet. 10

Pennisetum longistylum. Graceful, greenish-white plumes 10

PERENNIAL VARIETIES

Pennisetum Japonicum. One of the most valuable for beds or specimens. Easily grown from seed, making nice plants the first year. 4 feet. 10

Gynerium argenteum (Pampas Grass). Beautiful silvery plumes. 8 to 10 feet. 10

Stipa pennata (Feather Grass). Silvery white, feathery plumes. 2 feet. 10

Grevillea (Silk Oak). Pkt.

Robusta. Fern-like foliage. A fine decorative plant for house and greenhouse; it may be easily grown from seed. 4 feet. ¼ oz., 50c .10

Gypsophila (Baby's Breath). Graceful plants, with tiny flowers produced in abundance in loose panicles. Excellent for their delicate effect in bouquets.

Pkt.

Paniculata fl. pl. An extremely vigorous race, producing about 50 per cent of perfectly double pure white flowers 1-16 oz., \$1.00 \$0.20

Elegans Grandiflora Alba. Annual. An improved large-flowered white form. Oz., 25c .10

Paniculata. This perennial variety is useful for cutting and a fine border plant. Branches may be used for winter bouquet. 3 feet. ¼ oz., 25c .10

Elegans Rosea. Soft pink. Oz., 30c .10

Muralis. 6 inches. A lovely little rock or edging plant with rose-pink flowers. 10

Heliotrope (Cherry Pie). Delightfully fragrant. Fine for beds or pots. Half hardy perennial.

Finest Mixed ¼ oz., 40c .10

Heuchera (Alum Root or Coral Bells). H. P. **Sanguinea.** Long stems of large crimson scarlet flowers. Splendid for cutting. 15

Hibiscus (Rose Mallow). Noble shrub-like plants, with handsome green foliage, bearing throughout summer large bright flowers, from 3 to 5 inches in diameter. Very hardy. Suitable for garden and indoor use when cut.

Crimson Eye. Creamy white flowers, large crimson center 10

Golden Bowl. Deep cream, with a velvety maroon center 10

Moscheutos. (Rose Mallow.) Very showy pink flowers 10

Mixed Mallow Marvels. Grand assortment. 10

Hollyhock (Hardy Perennial). We give particular attention to this most popular flower. Seed sown in June or earlier will flower the following summer.

Allegheny Mammoth Fringed. Very large flowers, finely fringed. Early sown seed will flower the first season. 7 feet. Mixed. ¼ oz., 40c; Oz., \$1.25 .10

Double Maroon, Double Red, Double Salmon Rose and Double Yellow. All at. ¼ oz., 50c .10

Newport Pink. Fine, pure pink, double variety, exquisite in shade; flowers very double. ¼ oz., 60c .15

Extra Choice Double Mixed. The seed offered under this head has been saved from the finest double flowers only; sure to produce satisfactory results ¼ oz., 40c .10

ANNUAL HOLLYHOCKS

Everblooming Single Mixed. Large flowers, exhibiting every shade known in Hollyhocks. ¼ oz., 40c .10

Everblooming Double Mixed. Double and semi-double ¼ oz., 50c .10

IBERIS (See Candytuft).

Ipomoea (Morning Glory). **Heavenly Blue** (Rubra Caerulea). Beautiful, large, sky-blue flowers ¼ oz., 30c .10

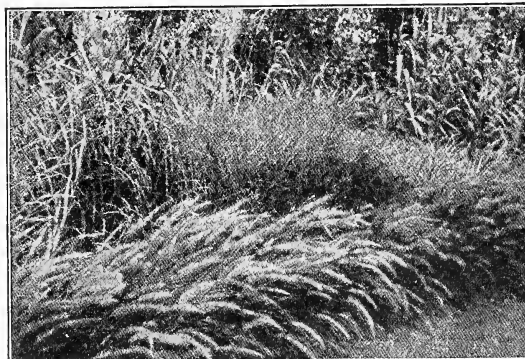
Noctiflora (Moonflower). At night and during dull days the plants are covered with an abundance of large, pure white fragrant flowers. Oz., 60c .10

Setosa (Brazilian Morning Glory). Large leaves and bright rose-colored flowers. Oz., 30c .10

Japanese Imperial. Flowers of immense size and of a great variety of colors. Oz., 30c .10

Japanese Imperial Fringed. Large fringed flowers of many beautiful colors and shades. Oz., 40c .10

Kochia (Summer Cypress). **Trichopylla.** (Fine summer Cypress). Grows in a compact bush about 3 feet high. Cannot be excelled for a temporary hedge or screen. Oz., 25c .10



Ornamental Grasses

Lavatera The Lavateras or Annual Mallows are showy and effective plants covered during the entire summer with bloom. For large borders and cutting they are very desirable.

Pkt.

Splendens Alba. Very large silky pure white flowers. \$0.10
Splendens Rosea. Very large bright rose flowers. .10

Lantana. **Finest French Mixed.** Desirable half hardy perennial. .10

Larkspur. (See Delphinium.)

Lathyrus. **Hardy Sweet Peas.** Mixed. .Oz., 40c .10

Linaria (Kenilworth Ivy). Trailing plant for baskets and boxes. .10

Linum (Scarlet Flax). **Grandiflorum Rubrum.** Ideal for bedding; dwarf and compact, with light green foliage and bright scarlet flowers; annual; 1 foot. .1/2 oz., 25c; oz., 40c .10

Lobelia Tender perennials which flower first season. Adapted to edging, borders, baskets, etc.

Crystal Palace Compacta. Fine for bedding. .1/2 oz., 50c .10

Gracilis. Light blue, trailing. .1/2 oz., 40c .10

Cardinals (Cardinal Flower). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet. .1/2 oz., 40c .10

Lupinus (Lupine—Sun Dial). These are old-fashioned favorites that thrive in almost any soil or situation. Same species are extensively used for forage and improvement of poor soils. The taller varieties are useful for the border, and dwarfier sorts for bedding.

Polyphyllus or hardy sorts are very effective, spring-flowering plants, producing large spikes of pea-shaped flowers.

Polyphyllus Roseus. Immense spikes. .1/2 oz., 60c .10

Polyphyllus, Blue and White. Mixed. Large spikes; very thrifty. .Oz., \$1.00 .10

Polyphyllus. Blue. .Oz., 75c .10

Polyphyllus Moerheimi. Fine hardy Lupine plants about 3 feet high, of vigorous growth, bearing long spikes of beautiful flowers. In color, a combination of light and dark pink. .1/2 oz., 50c .15

Perennial Varieties. Choice mixed. .Oz., 25c .10

Annual Sorts. This class is a great improvement on the old form. Very showy and nice for cutting. 2 feet. Blue, Rose, White, Red and Sky Blue. Each .Oz., 60c .10

Annual Sorts Mixed. .Oz., 50c .10

Marvel of Peru **Four O'Clock.** We make a specialty of this fine old garden favorite. Give good soil and sunny location. Splendid mixed hybrids. .Oz., 20c .10

Maurandia Elegant twining, climbing plants, with handsome foliage and flowers. .10



Defiance Mignonette

Marigold (Tagetes). Splendid for beds or borders; the tall varieties grow about 3 feet high; the dwarf sorts, 18 to 24 inches.

AFRICAN (Tagetes Erecta)

Pkt.

Eldorado. Bright orange flowers, shaded primrose, 3 to 4 inches across. 2 feet. .1/4 oz., 30c \$0.10

Lemon Queen. Very large, double canary yellow flowers. Erect, branching habit. 2 feet. .1/4 oz., 30c .10

Orange Prince. A high-bred tall growing variety, bearing large, perfect double quilled flowers of a rich deep golden orange color; the finest of all and very showy. .1/4 oz., 50c .10

Pride of the Garden. Dwarf and bushy; double, large-sized flowers of various shades of yellow. .1/4 oz., 30c .10

Tall Double African Mixed. .1/4 oz., 25c .10

Dwarf Double African Mixed. .1/4 oz., 25c .10

FRENCH (Tagetes Patula)

These are very bright and effective in ribbon lines or for edging beds of tall plants.

Legion of Honor. Single; bright yellow edges with dark crimson spots or blotches; a good bedder. 9 inches high. .1/4 oz., 20c .10

Dwarf Double French Mixed. .1/4 oz., 25c .10

Tall Double French Mixed. .1/4 oz., 25c .10

Single Marigold (Signata Pumila). A miniature Marigold, forming compact little plants 6 to 8 inches high, and completely covered with flowers, which are bright yellow with brown stripe down the center of each petal. Very striking for edgings. Sow the seed in spring in boxes and transplant. **Pkt., 10c.**

Matricaria. **Feverfew.** For beds and edges. Half hardy. Dwarf double white. .10

Eximia, Golden Ball. Golden yellow; fine for pots. .15

Mignonette (Reseda Odorata). **Large Sweet Scented.** Most Satisfactory for garden. .Oz., 20c .10

Machet. Dwarf; very floriferous and fragrant. .1/4 oz., 20c .10

Bismarck. Immense red flowers and most delicious odor. .1/4 oz., 25c .10

Defiance. Immense spikes which keep until every bud is open. .1/4 oz., 20c .10

Mimosa (Sensitive Plant).

Pudica. White with pink blush. .10

Mimulus (Musk Plant).

Moschatus. For baskets, etc. Yellow flowers and fragrant foliage. .10

Morning Glory. (See Convolvulus).

Myosotis (Forget-me-not).

Alpestris Royal Blue. Rich indigo. .1/4 oz., 50c .10

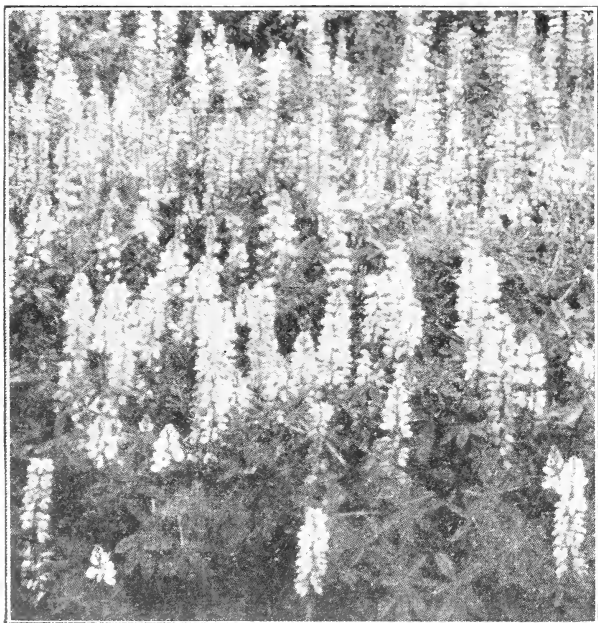
Alpestris White. Very fine. .1/4 oz., 40c .10

Alpestris Mixed. Various colors. .1/4 oz., 40c .05

Dissitiflora. Perennial. Clear blue. Early. .15

Palustris Semperflorens. Dark blue. .15

Hybrida, Ruth Fischer. Hardy biennial. Pure forget-me-not blue. Fine for cutting and for hanging baskets. Can be forced successfully and, owing to its extreme hardiness, it is valuable for spring bedding in open ground. .25



Lupines



NIGELLA—(Love-in-a-Mist)

NASTURTIUMS

Tall Nasturtiums are especially suitable for covering fences, rockeries, trellises, or waste places that may not be very fertile, while the **dwarf** are splendid for borders and edgings.

JOHNSON'S SUPERB TALL MIXED

This is a fitting companion mixture to Johnson's Superb Dwarf Collection offered above. This also contains the choicest colors in greatest variety. Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; lb., \$1.50.

JOHNSON'S SUPERB DWARF MIXED

One of the choicest collections of really high-class varieties not commonly found in mixtures. It contains many high-priced named kinds of superb colors. Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; lb., \$1.50.

VARIEGATED VARIETIES

Ivy-Leaved, Mixed. Pkt., 10c; oz., 20c.

Variiegated-Leaved, Mixed. Pkt., 10c; oz., 20c; 4 oz., 60c.

Nicotiana (Tobacco Plant). H. A. The long tube-like flowers are borne in clusters, and open toward evening. 2 to 3 feet. Succeeds best in sunny beds or borders.

Affinis. White, 3 feet. ¼ oz., 20c \$0.10

Sanderre. **Finest Mixed**. A brilliant carmine-red. 3 feet. Blooms all summer. ¼ oz., 35c .10

Nierembergia (Cup Flower). **Frutescens**. Blooming the first year if sown early. Most desirable for baskets, etc. ¼ oz., 20c .10

Nigella (Love-in-a-Mist, or Devil-in-the-Bush). H. A. Charming and showy flowers, with finely cut foliage which surrounds the flower.

Miss Jekyll. Double; bright blue; excellent for cutting. ¼ oz., 25c .10

Damascena. A compact, free-flowering plant of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; one foot. Oz., 25c .10

Pentstemon (Beard Tongue). Highly useful and attractive perennials in the hardy border.

Gloxinoides "Sensation". As a bedding plant this takes rank with the Petunia, Phlox, etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry pink, lilac, purple, etc. 2 pkts., 25c .15

Barbatus Torreyi. Spikes of brilliant coral red, very effective; June to August; 3 to 4 feet.10

Mixed. A great variety of kinds and colors.10

Polyanthus (Primula Elatior). **Large Flowering Mixed**. Charming early spring-flowering plants. Perfectly hardy and most effective for beds or masses. ½ oz., 60c .15

Johnson's Superb Pansies

HEARTSEASE

The seed that we offer comprises the very finest strains obtainable, and will be found very superior. Pansy plants ready at proper season.

FINEST SHOW PANSIES. Enormous Flowers Pkt.

Johnson's Universal Mixture. This is the finest mixture possible to make as regards size, texture and colorings. ½ oz., \$1.00; oz., \$7.00 \$0.50

Masterpiece. Giant curled and ruffled Pansies. Very beautiful, containing the richest combination of colors. ¼ oz., 75c .25

Bugnot's Superb Blotched. Flowers of enormous size. The shadings comprise tints of red, bronze, and brown not found in any other mixture. ¼ oz., 75c .25

Cassier's Giant. The largest-flowered class of blotched Pansies. ¼ oz., 75c .25

GIANT TRIMARDEAUX PANSIES

Giant Golden Queen. Pure yellow. ¼ oz., 75c; oz., \$2.00 .15

Giant Atropurpureum. Deep royal purple. ¼ oz., 75c .15

Giant White. White, with dark eye. ¼ oz., 75c .15

Giant Snowflake (Snow Queen or Candidissima). Pure snow white. ¼ oz., 75c .15

Giant King of the Blacks. Intensely dark. ¼ oz., 75c .10

Giant Striped or Mottled. Curiously striped and flamed sort in rainbow tints. ¼ oz., 75c .15

Giant Hortensia Red. Very fine. ¼ oz., 75c .15

Giant Mixed. Extra fine blending of colors. ¼ oz., 60c; oz., \$2.00 .10

PETUNIA

BALCONY PETUNIAS. (See page 34.) Pkt.

Giants of California Mixed. The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc. \$0.25

SINGLE GIANT FLOWERED PETUNIAS

Johnson's Large-flowering, Fringed. An unsurpassed mixture from show flowers.25

Ruffled Giants. A distinct class with very large, deeply ruffled flowers.25

Ruffled and Fringed Giants. Exquisitely fringed and ruffled on the edges, and of immense size, in endless varieties of colors.50

SINGLE BEDDING PETUNIAS

Inimitable Compacta. Bushy little plants are covered with pretty striped and star-shaped flowers.10

Howard's Star. Very free flowering. A blush pink star on purple ground.10

Rosy Morn. Soft carmine pink with white throat. ¼ oz., 75c .10

Purple King. Royal in color and size; a wonderful introduction. 5 pkts., \$1.00 .25

Hybrida, Choice Single Mixed. A good mixture for bedding, baskets, vases, etc. ¼ oz., 50c; oz., \$1.50 .10

LARGE-FLOWERING DOUBLE PETUNIAS

In growing Double Petunias from seed the weaker seedlings should be carefully saved, as these usually produce the finest double flowers.

Superb Double-fringed. Saved from an unrivalled collection; will produce a large percentage of double flowers of the largest fringed varieties in best colors. Per 500 seeds, \$1.25 .50

Double Large-flowering. Beautiful varieties in mixture. This is grown for us by a specialist. Per 500 seeds, \$1.00 .35

Double Small Flowered Mixed. The flowers of this strain are smaller than those of the above types, but they are produced in greater profusion. Pkt., 300 seeds .25

Phlox Drummondii For Plants, see page 50. This is one of the prettiest annuals and should occupy a prominent place in every garden. The flowers are fine for cutting. Pkt.

Prize Mixture of Large Flowering Phlox. ¼ oz., 45c; ½ oz., 80c \$0.10

GRANDIFLORA VARIETIES. 1 ft. ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00

Finest Mixed. \$0.10

alba. Pure white.10

Bright Rose.10

Crimson.10

Dark Purple.10

GRANDIFLORA. Dwarf. 6 in.10

Finest Mixed.10

Fireball Scarlet. ¼ oz., 60c \$0.10

Pure White. ¼ oz., 60c .10

Yellow. ¼ oz., 75c .15

CUSPIDATA (Star Phlox). Flowers star-shaped with long, pointed petals. ¼ oz., 35c .10

Finest Mixed. 18 in. ¼ oz., 35c .10

Phlox, Hardy **Decussata**. Perennial varieties mixed with a celebrated collection. Seed slow in germination and may not sprout in a year. ½ oz., 40c .10

Physostegia (False Dragon Head). Fine for a cool situation and rich, light soil, bearing erect spikes and pretty feather-like flowers. Useful for borders, wild gardens and for cutting.

Virginica. Dense bushes with spikes of delicate pink tubular flowers. 3 ft. Blooms June-September. Per pkt. .10

Virginica Alba. White. 3 ft. Blooms June-September. Per pkt. .10

Poppy (Papaver) A.**ANNUAL SORTS**

	Pkt.
Annual Oriental. A new strain of the Oriental Poppy, which will bloom the first year, if sown early.....	\$0.25
Tulip. Single. Bright scarlet.....	1/2 oz., 30c
Shirley. Finest Mixed. Very popular.....	1/2 oz., 30c
Mikado. Double. White with crimson stripe.....	Oz., 35c
White Swan. Double. Pure white.....	Oz., 35c
Best Single Mixed.	Oz., 35c

HARDY OR PERENNIAL POPPIES

Oriente. Deep crimson. Very showy.....	1/4 oz., 50c
Oriente. Mixed colors.....	1/4 oz., 60c
Iceland. Orange red.....	1/4 oz., 15c
Iceland. Album.....	1/4 oz., 15c
Iceland. Finest Mixed.....	1/4 oz., 20c

Portulaca H.A. A very free flowering plant; excellent for borders and rockeries and frequently used for bedding. Seed sown in May will bloom during July and a continuous display of flowers will be had until frost. 6 in. **Finest Single Mixed**..... 1/4 oz., 25c; oz., \$0.75 .10
Finest Double Mixed..... 1/4 oz., 75c; oz., 2.50 .10

Pyrethrum Most attractive, hardy perennials. Valuable border plants with stems about two feet high, each surmounted with handsome flowers, in the brightest shades of rose, pink, crimson, etc.

Single Hybrids. This mixture contains the very largest flowering and choicest varieties..... 1/4 oz., 75c .10

Golden Feather (Aureum). Dwarf growing variety, with bright yellow foliage; largely used for edgings and ribbon work. Usually treated as an annual. 3-4 ft..... 1/4 oz., 25c .10

Double Roseum Hybrids. Lovely pink shades; splendid for cutting..... 1/4 oz., 15c .15

Uliginosum (Giant Daisy). A fine hardy perennial; grows 3 to 4 feet high, and from July to September is literally hidden beneath the multitude of large white daisy-like flowers..... 1/4 oz., 15c .15

Primula (Primrose), **Half-Hardy Sorts.** Useful for pot culture or for rockeries and borders. While hardy under favorable conditions of soil and moisture, it is prudent to protect them over winter, particularly against saturation of soil by water.

Auricula. A wonderful range of colors. 1 foot.... .25

Japonica (Japanese). New Hybrids. Vigorous, large-leaved and about 18 inches high, throwing a tall flower-stem. Colors vary from bluish-white to crimson and maroon, and of many pleasing shades..... 1/4 oz., 15c .15

Vulgaris (English Primrose). Yellow, fragrant... 1/4 oz., 10c .10

Malacoides. A giant Baby Primrose from China. Foliage light green, deeply waved and fringed. 6 to 10 inches; light lilac..... 1/4 oz., 25c .25

Malacoides alba. Fine white..... 1/4 oz., 25c .25

Elatior. See Poylanthus, page 45.

Giant Fringed. Superb mixed..... 1/4 oz., 50c .50

Sinensis stellata. mixed. A beautiful new class.... 1/4 oz., 50c .50

OBCONICA PRIMULAS

A good variety for pot-plants for decorative use, blooming from autumn to spring. May also be used outdoors. The Grandiflora varieties are the freest flowering, but lack the very large individual blooms of the newer Gigantea type.

Gigantea Kermesina. Rich crimson..... 1/4 oz., 25c .25

Rosea. Pure rose color..... 1/4 oz., 25c .25

Mixed. All colors..... 1/4 oz., 20c .20

Grandiflora alba. Pure white..... 1/4 oz., 20c .20

Kermesina. Bright crimson..... 1/4 oz., 20c .20

Rosea. Beautiful clear rose..... 1/4 oz., 20c .20

Appleblossom. Soft pink..... 1/4 oz., 20c .20

Mixed. All colors..... 1/4 oz., 15c .15

Ricinus (Castor Oil Bean). Magnificent tropical-looking plants for lawns or large beds.

Zanzibarensis. Finest of all. Gigantic leaves of various colors..... Oz., 20c; 1/4 lb., 50c .10

Bourboniensis. Elegant green foliage..... Oz., 20c .10

Cambodgensis. Very dark, almost black..... Oz., 20c .10

Finest Mixed..... Oz., 20c; 1/4 lb., 45c .10

Rudbeckia (Coneflower).

Bicolor superba. Fine free-flowering annual growing about 2 feet high; forming a dense bush. The disc is brown, the florets golden yellow, with large velvety brown spots at the base; useful for cutting..... 1/4 oz., 10c .10

Purpurea (Giant Purple Coneflower). A most interesting hardy perennial, producing all summer large, showy reddish-purple flowers, about 4 inches across..... 1/4 oz., 10c .10

Salpiglossis Fine Mixed. All colors..... 1/4 oz., 40c; oz., \$1.25 .10

Salvia

Bonfire (Clara Bedman). A Salvia of very compact growth, vivid scarlet. Very popular... 1/4 oz., 75c \$0.10

Splendens. The old standard bright scarlet..... 1/4 oz., 50c .10

Early Dwarf Zurich. Grows only 12 to 15 inches high, with fine, erect slender spikes to each plant, borne well above its foliage. Color brilliant scarlet; splendid bedding variety; earliest of all. .25

Patens. Bright blue flowers of large size; excellent for the border or greenhouse; height 2 feet..... .25

Azurea grandiflora. A hardy perennial variety producing during August and September, spikes of pretty sky-blue flowers; 2 feet..... .25

Farinacea. Light blue flowers in great abundance; good for cutting; forms a neat bush. 3 feet.... .25

Scabiosa (Mourning Bride). Very desirable for summer cut flowers.

Fine Mixed. All colors..... 1/4 oz., 20c .10

Schizanthus (Butterfly, or Fringe Flower). H.A. Dainty, erect growing plants for the house or garden. Noted for its wonderful variety of coloring.

Hybrida grandiflora compacta. These are large-flowered with wonderfully beautiful color combinations in the same flower. 15 inches high... .10

Wisetonensis. Charming long and profusely-blooming hybrids. Excellent for greenhouse culture... .25

Mixed..... 1/4 oz., 25c .10

Sedum (Stonecrop). H.P. Suitable for rock-work, stone walls, edgings and dry situations. Their foliage and bright flowers attract attention.

Finest Mixed. 4 in..... Oz., \$1.00 .10

Smilax (Myrsiphyllum asparagoides). G. P. Used extensively for inside decorations; climbing habit. 10 ft..... Oz., 50c .10

Statice (Sea Lavender). H.P. Long panicles of small, light blue flowers, which if dried make nice winter bouquets.

Gmelinii. 2 ft..... 1/4 oz., 10c .10

Stevia G.P. The tiny white flowers are produced in long, loose panicles. Fine for cutting.

Serrata. 2 ft..... 1 1/2 oz., 40c .10

Stocks (Gilliflower).

Cut-and-Come-Again Varieties. Excellent for cutting; very fine for outdoor planting. Blood-red, rose, dark blue, Princess Alice (pure white), yellow and mixed..... 1/4 oz., 75c .10

Large-Flowering (Ten-Weeks Stock). Particularly suited for pot culture, beds or edging. Habit is dwarf and bushy. 8 inches; 90 per cent double flowers. Rose, blood-red, purple, canary-yellow, crimson, light blue, white and mixed... 1/2 oz., 75c .10

Stokesia (Cornflower Aster). This popular hardy perennial bears all summer, large, attractive flowers, resembling semi-double asters; fine for cut flowers. 2 feet.

Cyanea. Lavender-blue; handsome..... 1/4 oz., 10c .10

Cyanea, Mixed..... 1/4 oz., 10c .10

Alba. White..... 1/4 oz., 15c .15

Sunflower

Miniature. Best mixed..... Oz., 20c .05

Miniature Red..... Oz., 65c .10

Large Russian. Tall mammoth-flowered... Oz., 10c .05

Sweet William (Dianthus Barbatus). Fragrant hardy perennial for border and bedding. They flower richly in almost any soil.

Pink Beauty. A rich, deep rose shade... 1/4 oz., 30c .10

Scarlet King (New). An intensely deep rich, pure scarlet; a grand acquisition..... 1/4 oz., 60c .10

Mixed. Single. All colors..... 1/4 oz., 20c .10

Newport Pink. Color watermelon pink, fragrant. 18 inches high..... Oz., \$3.00; 1/4 oz., \$1.00 .15

Thunbergia H.A. Pretty trailing plants, mostly used for window boxes, vases and urns; foliage and flowers produce a striking effect.

Alata. Yellow, with dark eye. 5 ft..... 1/4 oz., 50c .10

Tritoma (Red-Hot Poker Plant, or Flame Flower). H.P. Magnificent, large spikes of orange-red flowers, attaining a height of 4 ft., effective in single clumps or among shrubbery.

Uvaria grandiflora. Orange and scarlet..... .10

Valerian H.P. Fine border plants with long spikes of fragrant flowers, suitable for cutting.

Finest Mixed..... 1/4 oz., 25c .10

Veronica (Speedwell). H.P. Long spikes of brilliant blue flowers, excellent for growing in shady places and requiring plenty of moisture.

Longifolia. Rich blue. 3 ft..... 1/4 oz., 40c .10

Spicata. Light violet blue. 3 ft..... 1/4 oz., 35c .10

Johnson's Selected Spencer Sweet Peas

The Spencer or Orchid-flowering sorts bear very large flowers, which are waxy or crinkled at the edges. Just as easy to grow as the common sort. The seeds should be sown early in spring; or, when the ground is not readily prepared in spring, fall sowing may be made, excepting the white-seeded varieties, which should not be sown until soil becomes quite warm and dry; or they may be started early in pots in greenhouses or frame, and planted out as early as the weather permits. White-seeded varieties, which are more tender than the dark-seeded, should be sown in sand to germinate and then transplanted in soil.

Pamphlet on Sweet Pea Culture, Free.

Prices of all varieties: Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

Apple Blossom Spencer. Bright rose standard with wings of very light primrose, flushed or tinted rose-carmine.
Asta Ohn. Suffused lavender or tinted mauve, sometimes with pinkish tinge. Spencer form, large and wavy.
Austin Frederick Improved. Large pure lavender.
Countess Spencer. Bright clear pink, sometimes darker towards the edges; very large, open form; long stems.
Crimson King, New. Rich oxblood.
Dobbies Cream. Sunproof crimson.
Elfrida Pearson. Flowers very large; color light pink on white ground, beautifully edged and shaded.
Flora Norton. Bright blue, with a slight tint of purple.
George Shawyer. Large orange pink.
Hawlmarm. Salmon-pink.
Helen Lewis. A rich crimson orange, with wings of orange-rose or orange-salmon-pink. Large, fine Spencer form.
Hercules. Lovely rich pink of giant form and substance.
Illuminator. Bright glowing salmon tinged with orange.
Jean Ireland. Beautiful cream color edged with deep pink.
King Edward Spencer. Brilliant crimson scarlet; very large size, and of open form.
King Manoel. Giant chocolate-maroon self.
King White. The form, size, vigor, waviness and color give it pre-eminence. Seed white.
Margaret Atlee. The best rich pink. A giant in size and a strong grower.
Margaret Madison. Opens a delicate azure-blue, developing to a clear, light lavender.
Masterpiece. Splendid lavender.
Miriam Beaver. A leading light cream pink sweet pea. Flowers exceptionally large and wavy, with the standard often duplexed or doubled.
Mrs. C. W. Bredmore. Buff ground, with rosy picotee edge.
Mrs. Hugh Dickson. Buff, apricot and rose. Flowers of the largest size, borne on long stems; mostly four blossoms on each stem.
Primrose Spencer. Large, wavy petals, clear, distinct color. Seed white.
R. F. Felton. One of the best lavender Spencers, a mauve toned lavender. Splendid exhibition variety.
Royal Scot. Dobbies best purple.
The Cardinal. Bright scarlet.
Valentine. Large bluish pink.
Wedgewood. Morse's best blue.

Johnson's Grand Spencer Mixture

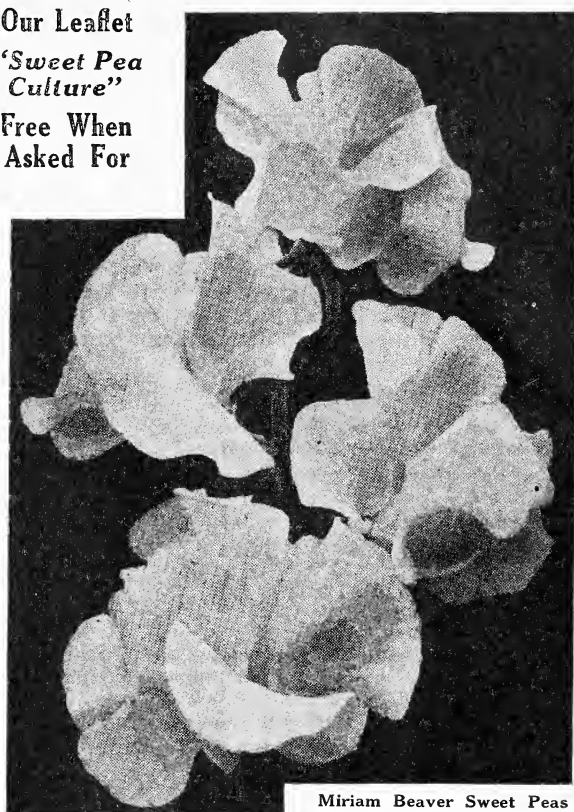
A liberal planting of this mixture will furnish a most magnificent display of Spencer types. All shades of color. Gigantic Waved Spencer Type. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

Johnson's Grandiflora Sweet Peas

Best Mixed. Pkt., 5c; oz., 10c; ¼ lb., 30c.

Verbena A very popular bedding plant. The seeds come true to color, and plants are of surprising vigor compared with plants grown from cuttings. They should be planted at least 15 inches apart in good soil. Seeds should be soaked in warm water for an hour or two before sowing; cover about ¼ inch deep and firm the soil; water very carefully. Pkt.
Lucifer. A new color in the Mammoth type with flowers of largest size, of a deep cardinal-red throughout; a very effective bedder. \$0.15
Mammoth Defiance. Bright, rich scarlet; small leaves. .10
Mammoth Blue Varieties. Showy and distinctive. .10
Lutea. Bright yellow. .10
Mammoth Mayflower. Beautiful pink. .10
Mammoth Striped Varieties. Beautiful collection. .10
Mammoth Pure White. Large trusses of purest white. .10
Mammoth Purple. Deep royal purple. .10
Johnson's Mammoth Mixed. ¼ oz., 50c; oz., \$1.50.
Lemon Verbena (Aloysia Citriodora). Every garden should have a few plants of this fragrant favorite. Its pale green, delightfully scented foliage goes well with any flower. .15
Vinca (Periwinkle). H. A. Of easy cultivation, growing very readily from seed and flowering same season. Plants have dark green foliage and the pink or white single flowers make fine pot plants.
Finest Mixed. 1 ft. ¼ oz., 60c. .10

Our Leaflet
"Sweet Pea Culture"
Free When
Asked For



Miriam Beaver Sweet Peas

Early Flowering Spencer Sweet Peas

Invaluable for growing under glass. They bloom in about three months from time of sowing. Each packet contains 50 seeds.

All varieties, pkt., 10c; oz., 50c; ¼ lb., \$1.75.
Early Morning Star. Deep orange scarlet or flame color in standard, with rich orange-pink wings.
Early Pink and White. Same color as the popular late blooming pink and white variety.
Early Heather Bell. A beautiful shade of rich lavender mauve.
Early Songster. Giant early lavender.
Early Yarrowa. Bright rose pink color.
Early Snowflake. One of the best white varieties.
Early Mrs. Spanolin. The finest black-seeded white variety.
Early Mrs. A. A. Skaach. Flowers bright, shell pink.
Pink Beauty. Soft rose pink on white ground.
Wallflower (Cheiranthus Cheiri). An old-fashioned English flower, greatly esteemed for its fragrance and its free, Winter blooming qualities. Parisian varieties flower first season from seed. Pkt.
Finest Single Mixed. 18 in. \$0.10
Double, Finest Mixed .10
WILD CUCUMBER. .10

Yucca Filamentosa—Adam's Needle

An attractive greenhouse shrub, grown for the delightful citron scent of its light green leaves. \$0.15

Johnson's Choice Zinnias

New Giant Double. Flowers very double and of enormous size, attaining a diameter of 4½ to 5 inches. Plants 3 feet. Giant Golden Yellow, Scarlet, Burnt Orange, Salmon, Flesh, Sulphur Yellow, White, Violet, Purple, Crimson, and Mixed. See page 33. Each. ¼ oz., 40c .15
Elegans. This we consider the best Zinnia for general use, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers in good clear distinct colors. Fine mixed. .10
Curled and Crested Double. Very bright, handsome flowers with crested and curled petals. Fine varieties. ¼ oz., 40c .15
Double Lilliput. Elegant, small, pompon flowers; very nice for beds, etc. 1 foot. ¼ oz., 30c .10
Double Dwarf. Very choice, small flowers, mixed. ¼ oz., 25c .10

ROSES

The Best Field-Grown Roses for Your Garden

We offer a very select list of Dormant Rose Bushes for outdoor planting in Hybrid Tea, Hybrid Perpetual and Hardy Climbing types. The following varieties, each listed in its class, we can especially recommend for either spring or fall planting.

CULTURAL DIRECTIONS

When the rose beds are prepared, be sure they have good drainage, and that the soil is rich and sweet. Water well after planting. Prune them well; if you do not know how, ask us; we will be glad to tell you the right way. Keep them clean from insects. Bush roses can be set 1½ feet apart, climbing varieties from 4 to 6 feet apart, and standard Roses 3 or more feet apart. Cultivate freely throughout the summer and apply a light top dressing of bone-meal or sheep manure at least once a month throughout the growing season. Just before the ground freezes, in late November, draw the soil up against the plant in the same manner as you would hill up potatoes, and in December, when the ground is thoroughly frozen, cover with leaves, salt hay, or straw.

The stock offered here is good healthy 2-year-old stock, which will give an abundance of bloom the following summer if planted in the fall.

Prices, each, \$1.00; 6 for \$5.50; per doz., \$11.00; 25 for \$22.00; 100 for \$75.00, except where noted.

ALEXANDER HILL GRAY. A very satisfactory rose. The long-pointed bud develops into a large, perfectly formed flower of lemon-yellow, shading darker at maturity. Foliage leathery, glossy, disease-resistant. This variety has become a standard yellow garden rose, ranking with the best.

COLUMBIA. An unusually fine American rose. The flowers are large, fully double, bright lively pink in color, shading darker at maturity; fragrant and borne until late fall. A strong grower, almost thornless.

CRUSADER. Raised also as a greenhouse rose. A rich, velvety crimson flower of large size, slightly fragrant, of good lasting quality, and borne on long, stout stems.

DUCHESS OF WELLINGTON. Among the few dependable yellow Hybrid Teas. The buds are long; the flowers large, well formed of few petals of intense saffron-yellow, changing to deep coppery yellow as they expand; delightfully fragrant.

GRUSS AN TEPLITZ. Of a rich scarlet shading to a velvety crimson. A very free grower and in bloom all the time; succeeds well under the most ordinary conditions.

HADLEY. Considered by many as being one of the best garden varieties of its color—a rich crimson, varying to deep velvety crimson. The flowers are well formed and very fragrant. It is a very free and continuous bloomer.

KAISERIN AUGUSTA VICTORIA. A soft pearly white, faintly tinted lemon in the center. Very fragrant, beautifully formed flowers on long, graceful stems.

KILLARNEY. Large, long-pointed buds, opening to large loose blooms of beautiful flesh-color, borne on long strong stems.

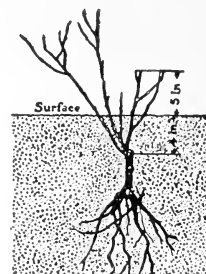
KILLARNEY BRILLIANT. Sport of Killarney. Brilliant pink, almost crimson, with as much odor as the parent, and better blooming habit.

KILLARNEY QUEEN. Another sport of Killarney, with flowers of a somewhat darker, clearer pink than the parent. Blooms large, well formed, on vigorous free-flowering plants.

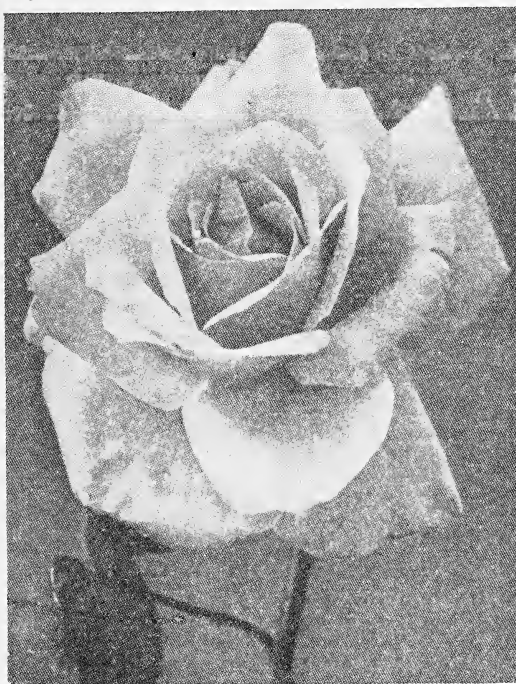
LADY ALICE STANLEY. A very much admired variety on account of its delightful fragrance and free-blooming qualities. A beautiful shade of coral-rose, the inside of the petals shading to flesh-pink, with deeper flushes.

LADY HILLINGDON. Elegant buds of good quality and size, opening into handsome flowers of clear apricot-yellow. Plant relatively hardy, of much vigor, and with an autumn-blooming habit.

LOS ANGELES. New American Rose. The raisers describe this variety as by all odds one of the finest roses ever introduced. In color a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. In fragrance it is equal in its intensity to the finest Marechal Niel. The buds are long and pointed and expand into a flower of mammoth proportions. The growth is vigorous to a degree. The beauty of form and ever-increasing wealth of color is maintained from the bud until the last petals drop. This variety should be carefully protected during the winter. Each, \$1.50; per doz., \$15.00.



The Three Radiance Roses—Radiance (at top), Red Radiance (center, left), and Columbia (lower right), represent a distinct and dependable type of American-bred Hybrid Teas.



Los Angeles

HARDY HYBRID PERPETUAL ROSES

ROSES—Continued

MME. BUTTERFLY. A sport of Ophelia, it shows even better growth than this sterling variety, with more and larger flowers of a brilliant pink, suffused apricot and gold. The flowers are of splendid form, good texture, and fragrance. Each, \$1.50; per doz., \$15.00.

MME. CAROLINE TESTOUT. Large, globular flowers of bright satiny rose, with deeper center. Very free and fragrant, and one of the most popular and valuable bedding varieties.

OPHELIA. Flowers of perfect form, large size, and a most pleasing delicate tint of salmon-flesh, shaded rose, are borne erect on long stiff stems. A variety that is exhibited in all Rose collections and flower shows on account of its sterling merit.

PREMIER. A new variety which was introduced as a forcing Rose, but it does well also as a bedding variety. Pure rose-pink in color, of good size and form.

RADIANCE. A brilliant carmine-pink, with salmon pink and yellow shadings at the base of the petals. A Rose that will withstand the most unfavorable hot summer weather.

RED RADIANCE. A sport of Radiance carrying all the good qualities of the parent and differing only in the beautiful deep red color of the large globular flowers. Of the greatest garden value.

SUNBURST. Intense orange-copper and golden-yellow; buds long and pointed; very brilliant in effect. Each, \$1.25; per doz., \$12.50.

WILLOWMERE. The color of this lovely variety is perhaps best described as a coral-red in the bud state, opening to a large, full handsome flower of a rich shrimp-pink, shaded yellow in the center and flushed carmine-pink toward the edges of the petals. Each, \$1.50; per doz., \$15.00.

Book on Roses

"ROSES AND THEIR CULTURE"

A treatise on the propagation, culture and history of the Rose. Illustrated. 128 pages. Bound in cloth only\$1.50
By mail.....\$1.65



Three Fine Hardy Climbers—Top, Dorothy Perkins; Center Oval, Paul's Scarlet Climber; Lower, Excelsa

Before the wonderful development of the Hybrid Tea Roses, the Hardy Hybrid Perpetual Rose was the most popular type for garden planting, and even now the most of the varieties offered are grown by Rose-lovers in conjunction with the other sorts. The collection offered below will be found excellent.

In pruning Hybrid Perpetuals it is advisable to cut away all weak growth, and if quality of bloom is desired, cut back the strong canes to within 8 or 9 inches of the ground, but if quantity of bloom for garden effect is desired, leave these canes from 2 to 3 feet high, according to their strength.

FRAU KARL DRUSCHKI. Pure white in color, perfect in form, strong grower and remarkably free-flowering.

GENERAL JACQUEMINOT. One of the old favorites and probably the best known Rose in cultivation. Brilliant scarlet-crimson.

MAGNA CHARTA. Strong, vigorous grower; bright pink suffused with carmine.

MRS. JOHN LAING. Very free-flowering; soft pink of beautiful form.

PAUL NEYRON. Perhaps the largest of all; dark rose in color.

SOLEIL D'OR (Golden Sun). A distinct type. A cross between Persian Yellow and a Hybrid Perpetual. Color varies from orange-yellow to reddish gold, shaded with nasturtium-red. Conical-shaped buds opening to large, full, flat-shaped flowers. Perfectly hardy and free-blooming.

ULRICH BRUNNER. A good strong grower with large, full flowers, of a bright cherry-red.

Any of the above, field-grown plants, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

HARDY CLIMBING ROSES

TWO-YEAR DORMANT PLANTS. Each, \$1.00; 6 for \$5.00; per doz., \$9.00.

CLIMBING AMERICAN BEAUTY. Large fragrant flowers of a rich carmine color produced in abundance on strong growing canes.

AMERICAN PILLAR. Large single flowers of cherry pink with a clear white eye which surrounds numerous golden stamens.

CRIMSON RAMBLER. Bright crimson flowers borne in immense clusters during June and July. Extra strong.

DOROTHY PERKINS. Countless clusters of double pink flowers of a most beautiful shade. Strong dormant plants.

DR. W. VAN FLEET. Long, pointed deep pink buds, which when fully expanded are light pink, gradually deepening to a rich shell pink in the center. The open bloom averages 4 inches in diameter and is borne on long stems.

EXCELSA (Red Dorothy Perkins). Brilliant scarlet-crimson flowers of the same type as Dorothy Perkins. The foliage is clean and is not subject to mildew.

PAUL'S SCARLET CLIMBER. A brilliant, vivid scarlet, which is maintained from bud until the petals fall. Medium in size, semi-double, in clusters from three to six flowers each, the plants are literally covered with blossoms.

SILVER MOON. Clear silver-white with bright yellow stamens, large, fragrant flowers; growth vigorous and free blooming.

PLANT DEPARTMENT

ANNUAL FLOWERING PLANTS FOR BEDS, PORCHES and WINDOW BOXES

DELIVERY, MAY TO JULY

Our Bedding Plants are grown in greenhouses especially constructed to produce compact, stocky plants. These are not forced, but grown at a low temperature, and are of the hardiest possible character.

	Doz.	
ALYSSUM, Dwarf White. Sweet-scented. 100, \$7.00	\$1.00	
ANTIRRHINUM (Snapdragon). For bedding and cut flowers these plants are ideal; our strain being particularly fine. White, Pink, Yellow, Red or Mixed......100, \$8.00	1.00	
ASTERS, Semples Branching and Giant Comet. White, pink, crimson, light blue and dark blue; each color separate or all mixed.....100, \$3.75	.50	
BACHELOR BUTTON (Cornflower). Centaurea Cyanus. Single mixed.....	.60	
Double Mixed .....	.50	
BALSAM. Mixed colors.....	.50	
CANDYTUTT, Empress. White, potted.....	1.00	
CLARKIA Elegans. Double mixed.....	.50	
CALENDULA (Pot Marigold). Orange King.....	.50	
CALLIOPSIS. Finest mixed.....	.50	
CELOSIA (Cockscomb). Finest mixed.....	.50	
COSMOS. Single and double mixed; early and late flowering. Single .....	.50	
Double .....	.60	
EUPHORBIA (Snow-on-the-Mountain) .....	.60	
FOUR O'CLOCK (Marvel of Peru). Mixed.....	.50	
GYSOPHILA (Babysbreath). White.....	.50	
HELICHRYSUM (Straw Flower), Monstrosum. Mixed	.50	
KOCHIA (Summer Cypress).....	.50	
LARKSPUR. Finest mixed.....	.50	
MARIGOLD Tall African, Mixed.....	.50	
French Dwarf, Mixed.....	.50	
MIGNONETTE Machet. Dwarf white.....	.50	
Defiance. Tall and fragrant.....	.50	
NICOTIANA, Affinis. Pure white.....	.50	
PETUNIA, Large-flowering, Single, Mixed.....	.50	
Large-flowering Double, Mixed. (See potted plants.)		
Fringed Petunias. (See potted plants.)		
PINKS, Annual Garden. In plants. Assorted colors	.50	
PINKS, Hardy Garden. In clumps. (See page 53.)		
PHLOX. Finest mixed colors.....	.50	
RICINUS (Castor Oil Bean). Mixed.....	.75	
SALPIGLOSSIS (Painted Tongue). Finest mixed colors. Potted.....	1.00	
SALVIA (Scarlet Sage). Bonfire. Potted.....	1.50	
Splendens. Potted.....	1.50	

	Doz.	
SCABIOSA. Finest mixed.....	\$0.50	
SWEET ALYSSUM. (See Alyssum.)		
SWEET SULTAN (Centaurea Imperialis). Blue .....	.75	
Finest Mixed .....	.50	
JOHNSON'S NEW DOUBLE GIANT ZINNIAS. This is a special strain of our own and we can offer the plants in mixed colors only.....	.75	

Potted Annuals

PRICES SUBJECT TO CHANGE

	Each	Doz.
ANTHERICUM (Grass).		\$1.00
CANNAS		5.00
CALADIUM (Elephant Ear).....	\$0.75	
COLEUS. Assorted colors. Doz., \$1.00 to \$3.00		
CENTAUREA (Dusty Miller).....		2.50
DRACAENA .....	.50	
FERNS. Hardy.....	.50	
GERANIUMS. Assorted colors.....		3.50
HELIOTROPE. Blue		2.00
PETUNIAS, Single Fringed		1.50
Double Fringed		2.00
STOCKS. Finest mixed. Separate colors....		1.00
SPRENGERI, Asparagus.....	.30	3.00
VERBENA. Finest mixed. Separate colors..		.85
VERBENA. Lemon .....	.25	2.50
VINCA VINES. Potted.....	.25	2.50

Annual Vines

	Each	Doz.
ENGLISH IVY. 2 year.....	\$0.75	
JAPANESE HOP .....	.25	2.50
COBAEA SCANDENS .....	.25	2.50
MOONFLOWER .....	.15	1.50

A Book on Annuals

This book is called "A Little Book of Annuals."
You will find it offered on page 1.



Cosmos

SHADE AND ORNAMENTAL TREES

- BIRCH** (Betula). Cut-leaved, Weeping. 5 to 6 ft., \$4.00 each.
- CATALPA, Bungei** (Umbrella Catalpa). Perfectly hardy and flourishes in almost all soils and climates and without pruning it makes a beautiful umbrella-shaped top. Leaves are large, glossy, deep green and heart-shaped, and lie like shingles on a roof, always making a symmetrical head. 5 to 6 ft., \$4.00; 3 to 4 ft., \$3.00 each.
- ELM, American White or Water Elm.** A large tree with spreading branches. Leaves deep rich green. Extensively planted. 6 to 8 ft., \$2.50 each.
- MAPLE, Silver.** If well taken care of, it makes a rapid growth, especially in sandy soil, and it is a favorite with many people. 6 to 8 ft., \$1.50; 8 to 10 ft., \$2.00; 10 to 12 ft., \$2.50; large specimens, \$3.50 to \$7.50 each.
- MAPLE, Sugar.** A good sized variety with wide-spreading branches and beautiful and abundant foliage. A rapid grower. A popular variety. 8 to 10 ft., \$3.00 each.
- POPLAR, Norway.** A rapid growing tree of great hardiness. Used for wind-breaks, street trees and ornamental planting. Hardy and widely planted. 8 ft., \$1.50 each.
- SYCAMORE, European.** The best shade tree for all purposes. It grows moderately rapid on all soils and is longer-lived than most trees. More uniform and symmetrical in growth than almost any other tree. 8 ft., \$2.50; 8 to 9 ft., \$3.00; 10 to 12 ft., \$4.50; extra large trees, \$5.00 to \$9.00 each.



JOHNSON'S HARDY PERENNIAL PLANTS

The size mentioned in the description indicates the approximate height that the plant may be expected to attain at maturity. The months represent the season of bloom.

Prices of Perennials, except where otherwise noted, 15c each; \$1.50 per doz.; \$10.50 per 100.

ACHILLEA ptarmica, "The Pearl." Small double white flowers in open heads, blooming profusely all summer. 2 feet. 25c each; \$2.50 per doz.

ACONITUM napellus (Monkshood). Dark blue flowers hooded in dense heads from July to September. 3 feet.

Napellus album. Pure white-hooded flowers.

Napellus bi-color. Flowers blue and white.

Prices of Aconitum on application.

ALYSSUM saxatile compactum (Basket of Gold, Gold Tuft, Rockmadwort). An indispensable plant for the rockery or border, growing one foot high and producing in May masses of broad, flat heads of bright yellow flowers. 25c each; \$2.50 per doz.; \$18.00 per 100.

ANCHUSA (Dropmore). Beautiful rich blue. 5 to 6 feet. 35c each; \$3.50 per doz.

ANEMONE japonica.

Alba. Flowers pure white, with prominent yellow center. Flowers produced on long stems. 35c each; \$3.50 per doz.

AQUILEGIA chrysantha (Golden Spurred Columbine). Flowers are a pure golden yellow with long spurs. Very fragrant and one of the best of the Columbines. June to September. 3 feet. 30c each; \$2.50 per doz.

Chrysantha alba. A white-flowering form of above. 30c each; \$2.50 per doz.

Long-spurred Varieties. A selected strain of immense flowers in all the brilliant shades. 30c each; \$2.50 per doz.

ARABIS alpina (Rock Cross). An excellent dwarf plant for rockwork, borders or carpeting where massed color effect is desired, covered during its blooming season with snow-white flowers. 25c each; \$2.50 per doz.

HARDY ASTERS (Michaelmas Daisies). They flower at a time when few hardy plants are in bloom. 25c each; \$2.50 per doz.; \$18.00 per 100.

BLEEDING HEART (*Dicentra Spectabilis*—Seal Flower). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive, and is perfectly at home in any part of the hardy border, and especially valuable for planting in the shade. 50c each; \$5.00 per doz.

BOLTONIA latisquama. Very showy pink flowers, fine for cutting. August and September. 4 to 5 feet. 25c each; \$2.50 per doz.

CAMPANULA (Bluebells).

Media (Canterbury Bells). Our strain of Canterbury Bells is unexcelled. We grow them in separate colors, blue, pink, white and mixed. 25c each, \$2.50 per doz.

Media calycanthema (Giant Cup and Saucer Canterbury Bells). The large cup-and-saucer-shaped flowers are extremely handsome. Separate colors, blue, pink, white and mixed. 25c each; \$2.50 per doz.; \$18.00 per 100.

CHRYSANTHEMUMS (Hardy Pompons). All colors. 20c each; \$2.00 per doz.; \$12.00 per 100.

Large Flowered or Shaggy Varieties. All standard varieties and colors. 20c each; \$2.00 per doz.; \$12.00 per 100.

Small Flowered or Button Varieties. 20c each; \$2.00 per doz.; \$12.00 per 100.

COREOPSIS lanceolata grandiflora. This is one of the finest of hardy plants, with large, showy, bright yellow flowers, produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants. 25c each; \$2.50 per doz.

DAISY, Hardy (*Bellis Perennis*—English Daisy). Large double-flowering pink and white. 50c per basket.

DELPHINIUMS (Hardy Larkspur). These are deservedly one of the most popular subjects in the hardy border; of easiest culture; perfectly hardy. They will establish themselves in almost any garden soil. 25c each; \$2.50 per doz.

Belladonna. The freest and most continuous blooming of all. The clear turquoise blue of its flowers is unequalled for delicacy and beauty. 25c each; \$2.50 per doz.; \$18.00 per 100.

Formosum. Best dark blue. 25c each; \$2.50 per doz.; \$18.00 per 100.

JOHNSON'S HARDY PERENNIAL PLANTS—CONTINUED

Prices of Perennials, except where otherwise noted, 15c each; \$1.50 per doz.; \$10.50 per 100.

DIANTHUS Deltoides (Maiden Pink). A charming creeping variety, with pink flowers. 25c each; \$2.50 per doz.

Alba. A pretty white flowering form. 25c each; \$2.50 per doz.

DICTAMNUS Fraxinella (Gas Plant). A very showy bordered perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of rosy-pink flowers with deeper veins during June and July, giving off on warm, sultry evenings a fragrant volatile oil, which ignites when a match is applied to the stem directly under the head of the flower. Requires a heavy, strong soil, and an open sunny position. 25c each; \$2.50 per doz.

DIGITALIS (Foxglove). Old-fashioned hardy biennial plants with broad foliage and showy flowers, borne on spikes. June and July. 25c each; \$2.50 per doz.

FUNKIA Undulata Variegata (Plantain Lily). Green leaves margined and edged white. Fine for borders and edging. 30c each; \$2.75 per doz.

Subcordata Grandiflora. Large white flowers, borne in heads. Foliage green, pointed; sweet scented. 18 inches. August and September. 40c each; \$3.75 per doz.

GAILLARDIA Grandiflora. One of the showiest of perennials. Ray flowers ranging from red to yellow, dark maroon center. 3 feet. June to frost. 25c each; \$2.50 per doz.

GEUM (Avens).

Mrs. Bradshaw. Very large double flowers of the brightest scarlet color; an excellent variety. 30c each; \$2.50 per doz.

GYPSOPHILA Paniculata (Babysbreath). Minute white flowers borne in enormous quantity in open panicles during summer months. Valuable for cutting. 25c each; \$2.50 per doz.

HELENIUM Autumnale Superbum. Large, yellow flowers, with drooping rays borne in immense panicles. 6 to 7 feet. July to September. Each, 30c; \$2.50 per doz.

Autumnale Rubrum. A variety of the above with bright terra cotta red flowers. Each, 30c; \$2.50 per doz.

HELIANTHUS Giganteus (Hardy Sunflowers). One of our native varieties, with medium sized bright canary-yellow flowers in September and October. 6 feet. 25c each; \$2.50 per doz.

HEMEROCALLIS Flava (Lemon Day Lily). Fragrant yellow flowers in June. Grows 2 feet high, with flowers on long stems for cutting. 25c each; \$2.50 per doz.

Fulva (Orange Day Lily). This old-fashioned flower is one of the hardiest. It will do well in full sun or in the shade of deciduous trees, and is not particular as to soil if not too wet. 25c each; \$2.50 per doz.

HIBISCUS. Crimson Eye. Large, white flowers, with a crimson-purple eye. August and September. 6 to 7 feet. 50c each; \$5.50 per doz. Extra large plants.

Militaris. Large, light pink flowers, crimson center. July to September. 5 to 6 feet. 50c each; \$5.50 per doz. Extra large plants.

HOLLYHOCKS (Althea Rosea). One of the noblest of hardy plants. It is well fitted to break up ugly lines of shrubs or walls by its tall, stately growth. Deep cultivation, much manure and frequent watering in dry weather will secure fine spikes. 30c each; \$3.00 per doz.

Double. Flowers form rosettes of lovely shades of yellow, crimson, rose, pink, orange and white. 30c each; \$3.00 per doz.

HONEYSUCKLE, Chinese Evergreen (Woodbine). Red, yellow, crimson, rose, pink, orange and white. 25c each; \$2.50 per doz.

IBERIS Sempervirens (Hardy Candytuft). Most desirable dwarf plants, with evergreen foliage, which is completely hidden with dense heads of pure white flowers early in the spring. 8 to 10 inches. 25c each; \$2.50 per doz.

A Book on Perennials

This book is called, "A Little Book of Perennials." You will find it offered on page 1.

German Iris

(Roots)

Fleur-de-Lis, or Blue Flags

During May, the Irises rule supreme in the hardy border where they thrive in soil too poor to grow potatoes. The Irises are the "Flags" of the old-fashioned gardens. They are most effective when used as edging for shrubbery or garden border.

Named varieties, 35c each; \$3.50 per doz.; \$18.00 per 100.

MIDNIGHT. A rich deep purple; the finest in this color. A fine cut-flower.

KING OF IRIS. A striking novelty, with flowers perfect form, the standards clear lemon color; falls deep satiny brown, with a broad border of golden yellow.

LORELEY. Flowers perfect shape. Falls of a deep ultramarine blue, more or less veined creamy white, with a border of sulphur-yellow. The standards are pale sulphur-yellow.

MADAME CHEREAU. White, elegantly frilled with a wide border of clear blue. One of the most charming sorts.

SHAKESPEARE. Standard bronzy yellow; falls maroon, reticulated yellow.

WALHALLA. Standards lavender. Falls wine-red; very showy and attractive color combination.

INGEBORG. Pure white. Very large flower.

Japanese Iris

Iris Kaemferi

The Japanese Iris usually flower after the German. They are much admired on account of their variety of color and large size. We offer eight of the finest distinct varieties that we know of. They have been selected by us from a large collection of the best named sorts. Six-petal varieties are termed double; three-petal varieties, single.

AMETHYST (Single). Immense, wide-spreading flowers of fine substance. Color, light lavender or amethyst. 50c each; \$3.50 per doz.

AZURE (Double). Immense flower; exquisite wavy; mauve blue with darker halo surrounding the yellow blotch at the base of the petals. 60c each; \$6.00 per doz.

GOLD BOUND (Double). Tall and showy with flowers of enormous size, probably the most beautiful of all. Pure white with large gold-banded center. 35c each; \$3.50 per doz.

MAHOGANY (Double). Dark red, shaded maroon. 50c each; \$4.50 per doz.

NIGHTFALL (Single). Very dark purple-blue, with iridescent lustre. Richest color of any Iris. 75c each; \$7.50 per doz.

NORMA (Double). An exquisite silky lavender-pink, with clear blue disk and yellow spot at the base of petals. Very fine and a long step towards a pink. 60c each; \$6.00 per doz.

RED RIDING HOOD (Single). Fine amaranth, veined white. 35c each; \$3.50 per doz.

TEMPLETON (Double). Light violet shade, mottled red-dish pink and white. Often triple, exceedingly fine in form. 50c each; \$4.50 per doz.

LIATRIS Pycnostachya (Blazing Star, or Gay Feather). Showy and attractive native plants, succeeding anywhere, producing large spikes of light rosy-purple flowers in July and August. 5 feet. 25c each; \$2.50 per doz.; \$15.00 per 100.

LILY-OF-THE-VALLEY. For outdoor planting in shaded places. Pure white flower bells appear on stems about 8 to 10 inches long in the latter part of May. 25c per doz.; \$2.00 per 100. Stock cannot be shipped after May 15th.

LINUM Perenne (Flax). A desirable plant for the border or rockery, growing 2 feet high, with light, graceful foliage and large blue flowers all summer. 25c each; \$2.50 per doz.; \$15.00 per 100.

LOBELIA (Cardinal Flower). 25c each; \$2.50 per doz.

LUPINUS (Lupins). These flower in May and June; are 3 to 4 feet high. In dry weather, water liberally to prolong the bloom.

Polyphyllus. Blue, white and pink. 35c each; \$3.50 per doz.

LYCHNIS (Campion). All of the Lychnis are of the easiest culture, thriving in any soil, and this in addition to their brightness, has brought them into high favor with lovers of hardy plants.

CHALCEDONICA (Jerusalem Cross). A most desirable plant, heads of brilliant orange-scarlet in June and July. Grows 2 to 3 feet high. 30c each; \$3.00 per doz.

New Hybrid Tea Roses

We offer a splendid up-to-date list of the above, which are fully described and offered on pages 48 and 49.

JOHNSON'S HARDY PERENNIAL PLANTS—Cont.

Six plants of a variety at dozen rate; 25 at 100 rate.
Prices of Perennials, except where otherwise noted,
15c each; \$1.50 per doz.; \$10.50 per 100.

MONARDA Didyma (See Balm). Bright scarlet flowers in terminal heads. July to September. 2 to 3 feet. 25c each; \$2.50 per doz.

MYOSOTIS Alpestris (Alpine Forget-Me-Not). Splendid for naturalizing edge of ponds and streams; also for beds, borders, and rockeries. 20c each; \$2.00 per doz.

OENOTHERA (Evening Primrose).
Pilgrimi. Large clusters of bright yellow. 18 inches. June to September.

Speciosa. A rare, pure white variety. 18 inches. June to September. 30c each; \$2.50 per doz.

ORNAMENTAL GRASSES. We carry a full line of all varieties. Prices on application.

PENTSTEMON (Beard Tongue). Most desirable perennials for either border or rockery. They like a friable loam, with a mixture of well-decayed leaf mold and sharp sand.

Barbatus Torreyi. Spikes of brilliant scarlet; very effective; height, 2 to 5 feet; June to August. 30c each; \$3.00 per doz.

PHLOX SUBULATA (Moss or Mountain Pink). An early spring-flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery, or the border, and invaluable for carpeting the ground or covering graves.

Alba. Pure white. Each 25c; \$2.50 per doz.

Lilacina. Light lilac. Each 25c; \$2.50 per doz.

Rosea. Bright rose. Each 25c; \$2.50 per doz.

HARDY PHLOX, Paniculata. We can furnish all colors and varieties. 25c each; \$2.50 per doz.

PHYSOSTEGIA (False Dragon Head). One of the most beautiful of our midsummer flowering perennials, forming dense bushes 3 to 4 feet high, bearing spikes of delicate tubular flowers.

Virginica. Bright, but soft pink. Each 25c; \$2.50 doz.

Alba. Pure white; very fine. Each 25c; \$2.50 doz.

PINKS, Hardy Garden (Double). These old-fashioned favorites, bearing their clove-scented flowers during the spring and early summer, are splendid cut blooms.

Elsie. Bright rose with maroon center.

Essex Witch. Delicate pink, finely fringed.

White Reserve. Classed as an everblooming variety, very double and pure white.

Prices, 25c each; \$2.50 per doz.; \$15.00 per 100.

PLATYCODON (Balloon Flower or Japanese Bellflower). The Platycodons form neat branched bushes of upright habit, which bear a continual succession of flowers from June to October.

Grandiflorum. Deep blue-cupped, star-shaped flowers; 1½ feet. 25c each; \$2.50 per doz.

Album. A white-flowered form of the above. 25c each; \$2.50 per doz.

POPPY, Oriental. Beautiful showy scarlet. 25c each; \$2.50 per doz.

PYRETHRUM Uliginosum (Giant Daisy). Grows 3 to 4 feet high and is covered with large white daisy-like flowers, 3 inches in diameter, from July to September. 25c each; \$2.50 per doz.; \$15.00 per 100.

RUDBECKIA (Golden Glow). Flowers beautiful golden yellow and very double. June till fall. 6 to 8 feet. Each 25c; \$2.50 per doz.

SCABIOSA. The flowers are gigantic measuring frequently 3 inches and more in diameter. It delights in a sunny position, and is a cut flower few perennials can equal. Average height, 2½ feet. Very free flowering.

Caucasica (Blue Bonnet). A delicate shade of lavender-blue, starting in flower in June and lasting well through the summer. 50c each; \$5.00 per doz.

Caucasica Alba. White. Like the above except in color. 50c each; \$5.00 per doz.

SEDUM or STONE-CROP (Dwarf Sorts). Suitable for the rockery, carpet-bedding, covering of graves, etc.
Acre (Golden Moss). For covering graves; foliage green; flowers bright yellow.

Album. Green foliage, white flowers.
Ewersii. Broad glaucous foliage with purplish-pink flowers in summer; 6 inches.

Sieboldi. Round, succulent, glaucous foliage, bright pink flowers, August and September.

Stahli. Compact species with crimson-tinted foliage in autumn.

25c each; \$2.50 per doz.; \$15.00 per 100. Set of 9 sorts, \$2.00.

SEDUM Spectabile. Handsome rose-colored flowers in immense heads during late fall. 18 inches. Tall blooming. 30c each; \$2.50 per doz.; \$16.00 per 100.

SHASTA DAISY (Alaska). Large, snowy-white flowers, 4 inches across; in bloom all summer and fall. 25c each; \$2.50 per doz.

STOKESIA (Laevis) Cyanea (Cornflower Aster). Large, deep blue flowers, from August to October. 25c each; \$2.50 per doz.

Cyanea Alba. Same as above only pure white. 25c each; \$2.50 per doz.

SWEET WILLIAM (Dianthus Barbatus).
Newport Pink. Rich salmony-rose. 20c each; \$2.00 per doz.

Bright Scarlet. Effective color. 20 each; \$2.00 per doz.

Pure White. Very large. 20c each; \$2.00 per doz.

Mixed. Containing all colors. 20c each; \$2.00 per doz.

TRITOMA Pfitzeri (Red Hot Poker, Flame Flower, or Torch Lily). A superb variety, very free blooming. Color a rich brilliant orange; medium height; summer till fall. 35c each; \$3.50 per doz.

VALERIANA Officialis (Hardy Garden Heliotrope). Old-fashioned garden Heliotrope, lavender flowers. June and July. 4 feet. 25c each; \$2.50 per doz.

VERONICA (Speedwell). The Speedwells are mostly natives of New Zealand, flowers being of a blue shade, varying to rose and dull white. They succeed in any garden soil in sunny situations. The low-growing forms are good rock plants. One foot. July to August. 25c each; \$2.50 per doz.; \$18.00 per 100.

YUCCA (Adams Needle). The foliage is of an evergreen nature, is slender and pointed. The tall flower-spikes rise 4 to 5 feet, and are decked with cream-white, bell-shaped, drooping flowers in July and August.

Filamentosa. White, with reflexed flower bells. Extra strong plants. 30c each; \$2.50 per doz.; \$20.00 per 100.

COLLECTION OF HARDY PERENNIALS

For customers who are not acquainted with the various varieties, we offer the following collections, in varieties strictly of our selection, in good, strong roots, that will, with little care, keep the garden gay with flowers from the time frost leaves the ground until late in autumn.

12 Plants, 4 each of 3 varieties, our selection.. \$2.00
25 Plants, 5 each of 5 varieties, our selection.. 3.75
50 Plants, 10 each of 5 varieties, our selection.. 5.50
100 Plants, 10 each of 10 varieties, our selection.. 9.50

Hardy Perennial Vines

	Each	Doz.
BOSTON IVY	\$0.60	\$6.00
CLEMATIS . <i>Paniculata</i> . White.....	.30	3.00
<i>Jackmani</i> . Purple.....	1.00	
DUTCHMAN'S PIPE	1.00	
HONEYSUCKLE .....	.40	4.00
MYRTLE .....	.30	3.00
PACHYSANDRA .....	.25	2.00
POLYGONUM	1.00	9.50
WISTARIA .....	.75	7.00

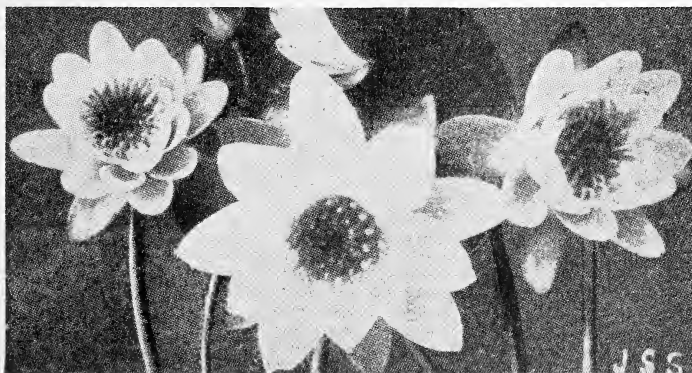
Hardy Water Lilies—Nymphaea

Water Lily roots will be ready about July 1st, and will be mailed postpaid at prices mentioned. Where no pond or slow flowing stream is near at hand, the plants may be grown in a large tub partly filled with rich mud or clay, the roots planted in this and the tub filled with water.

Odorata. The fragrant Pond Lily of the northeastern United States; flowers white, 3 to 5 inches in diameter, stamens yellow; leaves dark green above, under surface deep red to reddish green; splendidly adapted for planting in quantity in natural ponds. Each, 60c; doz., \$5.50.

Mariacea Chromatella. Petals and stamens bright yellow, 4 to 6 inches across. A very strong, free and continuous bloomer. Each, \$2.50.

Tuberosa Rosen. Flowers an exquisite shade of pink. A vigorous grower, of the easiest culture. Each, \$1.25.



HARDY ORNAMENTAL SHRUBS FOR SPRING PLANTING

Almond—Double Flowering

See PRUNUS.

Althea, Hibiscus Syriacus (Rose of Sharon)

Admiral Dewey. Double, pure white.

Duc de Brabant. Double red.

Paenaeiflora. Double, clear pink.

Variegata. Variegated leaved; a dwarf variety with leaves margined silvery-white.

Prices of above four varieties:	Each	Doz.
2 feet.....	\$0.75	\$ 6.00
3 feet.....	1.00	10.00
4 feet.....	1.25	12.50

Buddleia (Summer Lilac or Butterfly Bush)

Variabilis Veitchiana. 2 year, 75c each.

Deutzia

Scabra Watereri. Beautiful single pink. Flowers in June.

Gracilis. Slender, often arching branches. Low, dense, globular habit; flowers pure white in racemes.

Lemoinei. A vigorous grower and excellent for forcing; very desirable; early bloomer; panicles of pure white flowers borne on stout branches. Blooms in May and June.

Prices of above varieties:	Each	Doz.
2 to 3 feet.....	\$0.90	\$8.50
1 to 1½ feet.....	.60	6.00

Dogwood (Cornus)

Cornus Alba Sibirica (Siberian Dogwood). A strong growing variety, crimson colored branches in winter. 90c each.

Florida (White-flowering Dogwood). An ornamental, spreading, irregularly shaped tree, producing large white flowers in spring and rich crimson foliage in autumn. Plants, 4 to 5 feet high, \$1.25 each.

Rubra (Red-flowering Dogwood). Flowers rich rosy red. The two varieties make a fine contrast. Plants, 2 to 3 feet high, \$1.50 each.

Sanguinea (Red-twiggled Dogwood). A strong growing bush, with crimson colored branches; especially attractive in winter. 80c each.

Crab (Bechtel Double Flowering)

Shapely, compact tree with clusters of double, soft pink, fragrant flowers. 4 to 5 ft., extra fine, \$2.00; 5 to 6 ft., \$3.50 to \$5.00; 6 to 7 ft., \$6.00 to \$8.00; 7 to 8 ft., \$8.00 to \$10.00.

Euonymus (Strawberry or Burning Bush)

Alatus (Winged Burning Bush). 2 to 3 ft., extra bushy, \$1.75; balled and burlapped, 5 to 6 ft., \$5.00 to \$7.00; 6 to 8 ft., \$8.00 to \$10.00.

Forsythia

Suspensa (Weeping Golden Bell). Long, graceful branches drooping to the ground and covered to the tips with handsome yellow trumpet-shaped flowers in April.

Suspensa Fortunei (Golden Bell). One of our best early-flowering shrubs. Before any tree or shrub shows a leaf they burst into glorious masses of golden yellow, drooping flowers.

Prices of above varieties:	Each	Doz.
2 to 3 feet.....	\$0.75	\$7.50

Halesia

Halesia Tetraptera (Silver Bell or Snowdrop Tree). One of the most desirable tall shrubs, with pretty bell-shaped snowdrop-like white flowers in May. \$1.25 each.

Hydrangea

Paniculata. Larger growing bush than the well known Grandiflora, and blooms a month later; buds do not all open. Height, 12 feet. 2-ft. plants 90c each; \$9.00 per doz.

Paniculata Grandiflora. The well known hardy Hydrangea. Flowers are borne in dense panicles, pure white when opening, but later of a purplish-pink. \$1.00 each; \$10.00 per doz.

Japanese Quince (Cydonia Japonica)

A shrub with spreading spiny branches. Glossy leaves; flowers are a deep scarlet, in clusters. The quince-shaped, golden yellow fruit remains a long time in summer. 3 feet. \$1.50 each.

Lilacs

COMMON VARIETIES

Purple, White, Persian, White Persian. 2 feet. 75c each; \$6.50 per doz.

Villosa (S. Villosa). Color light pink. Valuable for late blooming. 2 feet. 75c each; \$6.50 per doz.

Lonicera (Bush Honeysuckle)

Morrowi (Japanese Bush Honeysuckle). 2 to 3 ft., 75c; 4 to 5 ft., specimens, \$1.25.

Prunus

Prunus Japonica fl. pl. (Double-flowering Almond). A beautiful dwarf shrub, producing its showy double flowers early in May before the leaves appear. We can supply both white and pink. Plants, 2 to 3 feet high, \$1.00 each.

Pissardi (Purple-leaved Plum). A dwarf shrub, covered with single white flowers in spring; when they first appear the leaves are a lustrous crimson, changing to a rich purple. Plants, 3 to 4 feet high, \$1.00 each.

Sambucus (Elder)

Sambucus Nigra Aurea (Golden Elder). Of strong growth, and one of the best yellow foliage shrubs; the color is remarkably bright, rich and constant, and makes a fine contrast in the shrubby border. 75c each.

Spirea

Anthony Watereri. Flowers scarlet-crimson, blooming profusely from June to October. Strong plants. 2 feet. 1 ft., 75c each; \$6.50 per doz. 1½ ft., \$1.00 each; \$9.00 per doz.

Bridal Wreath (S. Prunifolia). One of the best and earliest blooming shrubs. Flowers double, white and very abundant along the stem. May. 4 feet. 2 ft., 75c each; \$7.50 per doz.

St. Peter's Wreath (S. Van Houttei). The finest and most satisfactory of all Spireas, either singly or among other shrubs. It forms a round and graceful bush, with arching branches, which in June are set from end to end with beautiful white blossoms. 2 ft., 60c each; \$6.50 per doz. 3 ft., 75c each; \$7.50 per doz.

Symphoricarpos

The Coralberry, Indian Currant and Snowberry

Racemosus (Snowberry). 2 to 3 ft., 75c.

Vulgaris (Coralberry or Indian Currant). 2 to 3 ft., 35c; 3 to 4 ft., bushy, \$1.00.

Syringa (Philadelphus)

Golden (P. Coronarius Folii Aureis). A graceful variety, with bright yellow foliage. Height, 5 feet. 1½ ft., \$1.25 each; \$12.00 per doz.

Mock Orange (P. Coronarius). Shrub with upright branches; pure white, fragrant flowers are produced in clusters in June; foliage dark green. 6 feet. 3 ft., 75c each; \$7.50 per doz.

Large-flowered Mock Orange (P. Grandiflora). A vigorous, upright variety, with large, showy flowers in June; it grows rapidly. Height, 12 feet. 3 ft., 75c each; \$7.50 per doz.

Tamarix

Tamarix Hispida Aestivalis. A distinct variety, with delicate, soft pink sprays of flowers in July and August, a time when the shrubby border is comparatively bare of flowers. 75c each.

Indica. Very strong-growing, with feathery plumes of pale pink flowers in late summer and autumn. 75c each.

Viburnum (Snowball)

European High Bush Cranberry (V. Opulus). One of the best shrubs for general planting. Red berries resembling cranberries remain until early winter. Height, 12 feet. 2 ft., 75c; 3 ft., \$1.00; 4 ft., \$1.25 each.

Weigela

Candida. Flowers pure white, vigorous and fine habit. Height, 8 feet. 3 ft., \$1.00 each; \$10.00 per doz.

Rosea. A strong, symmetrical grower, with good foliage; pink flowers in June. Height, 6 feet. 2 ft., 85c each; \$8.50 per doz.

Hedge Plants

PRIVET, California (Ovalifolium). Plant 10 to 15 inches apart in double rows, alternating the plants. 18 to 24 inches high, 2-yr. plants, \$6.50 per 100; \$60.00 per 1000.

BARBERRY, Berberis Thunbergi. Of low, dense growth and spreading habit, growing extremely dense right from the base. Requires but little pruning. Leaves bright green. The branches in the fall are covered with bright red berries. Plant 8 to 12 inches apart in single rows. 12 to 18 inches high; heavy, 55c each; \$5.50 per doz.; \$52.00 per 100. 18 to 24 inches high, heavy, 95c each; \$7.50 per doz.; \$80.00 per 100.

Johnson's Superb Named Gladioli

This is one of the best of the Summer-flowering bulbs. It is a flower anyone can grow, and is lovely enough to satisfy the most exacting. There is no limit to the range of color—pink, scarlet, crimson, yellow, white and a host of other colors.

Nothing is finer for vases than a bunch of Gladioli. The flowers will last for days, and the buds develop into blossoms after being cut.

Write for prices on Gladioli in lots of one thousand or more. We will carry in stock many varieties which we have not room to describe here.

GLADIOLUS CULTURE. Free on request, with any order.

AMERICA. Its color is a most beautiful soft pink, very much like the "Enchantress" Carnation. The individual flowers are very large and massive. There is no flower which can excel it in effectiveness. **Doz., 60c; 100, \$4.00.**

ANNA EBERIUS. A little different in color from anything on the market. Dark velvety plum rose, throat deeper shade. **Each, 20c; doz., \$1.50; 100 \$14.00.**

AUGUSTA. One of the most popular white varieties for cutting. **Doz., 75c; 100, \$5.00.**

BARON HULOT (Blue King). Good sized flower, well arranged on straight spikes. Dark violet bordering on blue. **Each, 15c; doz., \$1.25; 100, \$9.00.**

CHICAGO WHITE. Pure white with crimson carmine on midribs of three lower petals. **Each, 10c; doz., \$1.00; 100, \$6.00.**

EVELYN KIRTLAND. The flowers are a beautiful shade of rosy-pink, darker at the edges, fading to shell-pink at center, with brilliant scarlet blotches on lower petals. Entire flower showing a glistening sparkling lustre. **Each, 15c; Doz., \$1.50; 100, \$10.00.**

FLORA. Beautiful deep golden-yellow, large pure flowers. **Each, 20c; doz., \$2.00; 100, \$15.00.**

HALLEY. Delicate salmon pink predominates with a slight rosy tinge. Lower petals have a creamy blotch with a bright red stripe in center. **Each, 10c; doz., \$1.00; 100, \$6.00.**

HERADA. New variety and new color in Gladioli. Blooms of immense size on tall straight spikes. Massive in every way. Blooms are pure mauve, glistening and clear. Unusually striking and attractive. **Each, 20c; doz., \$2.00; 100, \$15.00.**

KUNDERDI GLORY. A delicate cream pink, each lower petal having an attractive crimson stripe through the center. Prettily ruffled and fluted. **Each, 15c; doz., \$1.50; 100, \$10.00.**

L'IMMACULEE. Pure white, long spike of many flowers open at one time, very early; one of the best of the white varieties. **Each, 15c; doz., \$1.50; 100, \$10.00.**

LE MARECHAL FOCH. A new Holland variety—seedling of America—very delicate pink with enormous wide open flowers—very early; a good grower and heavy propagator. **Each, 15c; doz., \$1.50; 100, \$10.00.**

LOVELINESS. Flowers very large and open on a long spike, well placed. A clear creamy white, slightly suffused, apricot in the throat. **Each, 20c; doz., \$1.75; 100, \$14.00.**

MRS. DR. NORTON. Very large and well opened flowers, well set on a tall and graceful spike, four to eight flowers in bloom at one time. White, the edges suffused with soft La France pink. The three lower petals have a blotch of sulphur-yellow, stained at the base with fine specks of Tyrian pink. A strong, vigorous grower and very free flowering. **Each, 25c; doz., \$2.50.**

WAR. Deep blood-red shaded crimson-black; very tall and conspicuous. The best Gladiolus of this beautiful shade of red. Try it. **Each, 15c; doz., \$1.25; 100, \$9.00.**

WILLY WIGWAM. Blush white, dark blotch, fine form. **Each, 10c; doz., \$1.00; 100, \$5.00.**

JOHNSON'S BLUE RIBBON MIXTURE. Wonderful colorings are to be found in this assortment of varieties made up from the choice named sorts we list. We believe the mixture is unexcelled. All are of the best blooming size and are first quality bulbs in every respect. We cannot recommend it too highly. It will please the most critical buyer. **Doz., 60c; 100, \$4.50; 1000, \$40.00.**

New and Rare Primulinus Hybrids

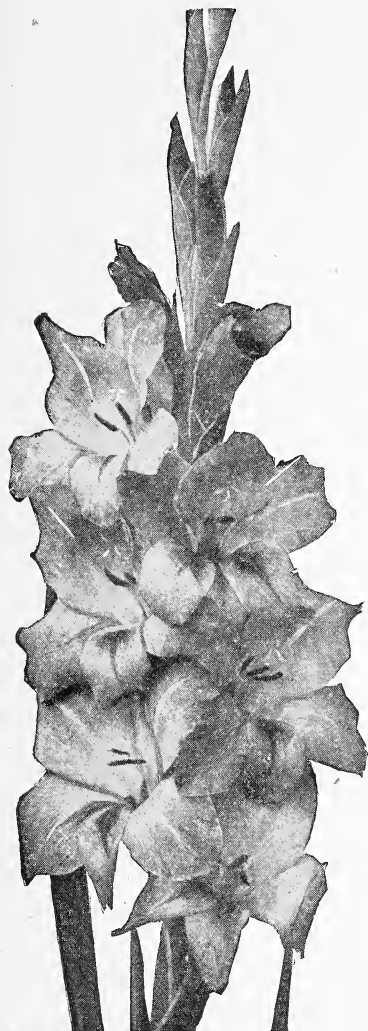
Primulinus Hybrids are distinguished mainly for their fine and various shades of yellow, orange, and saffron tones. The flowers are borne on graceful stems and when cut are of splendid decorative value.

ALICE TIPLADY. Primulinus species X yellow Kunderdi. A grand, large Primulinus of the most beautiful orange saffron. Very choice. **Each, 25c; doz., \$1.50; 100, \$10.00.**

MAIDEN'S BLUSH (Hybrid). Exquisite blush-pink; flowers finely formed on long straight stems; free flowering; about 50 per cent produce two flowers. **Each, 15c; Doz., \$1.50; 100, \$10.00.**

SOUVENIR (Hybrid). Pure canary-yellow; very much admired; early, good forcer. **Each, 30c; doz., \$3.00; 100, \$20.00.**

PRIMULINUS HYBRIDS. Most pleasing self colors that vary from pale yellow to bright salmon, apricot, and light scarlet. These graceful flowers are of medium size, of a distinct hooded style and with prominent veinings on the petals. Mixed colors only. **Doz., 85c; 100, \$6.00; 1000, \$55.00.**



MRS. FRANCIS KING. Always arouses comment and admiration, both for size of flower and beauty. Its color is a light scarlet, very large flowers, usually measuring from 2½ to 4 inches in diameter. **Each, 10c; doz., 75c; 100, \$5.00.**

MRS. FRANK PENDLETON. One of the finest Gladioli of the present time. In color it is the most exquisite salmon pink with a very conspicuous blood-red blotch in the throat on the lower petals. Very strong, growing from four to six feet. **Each 15c; doz., \$1.25; 100, \$7.50.**

NIAGARA. A delightful cream shade with the two lower inside petals or segments blending to canary yellow. The throat is splashed with carmine and the lower ends of the outside petals are also blushed with carmine. **Each, 10c; doz., \$1.00; 100, \$8.00.**

PANAMA. An excellent variety and a great improvement on the original America, being a somewhat deeper pink. Spikes are long, flowers large and well arranged. **Each, 10c; doz., \$1.00; 100, \$8.00.**

PEACE. A beautiful white, while interior petals are feathered pale lilac. Not an early bloomer, but if planted with other varieties will flower about the time they are finished. **Each, 15c; doz., \$1.25; 100, \$9.00.**

PINK PERFECTION. Very large blooms of fine form, of a beautiful shade of apple blossom pink, similar in color to Carnation Enchantress. **Each, 20c; doz., \$1.75; 100, \$12.00.**

PRINCE OF WALES. Delicate salmon rose of great value. **Each, 15c; doz., \$1.50.**

PRINCEPS. Brilliant scarlet-crimson, white blotch on lower petals. Very large sized flower of brilliant coloring, borne on strong spikes of medium height. **Each, 15c; doz., \$1.50; 100, \$10.00.**

SCHWABEN. The flowers are a pure canary yellow, shading to a sort of sulphur yellow when opening; the golden yellow center is blotched with a brilliant brownish carmine. **Each, 15c; doz., \$1.25; 100, \$8.00.**

SULPHUR KING. The most valuable yellow variety in general use. It produces a very long spike of beautiful clear sulphur yellow, the finest and purest yellow sort. **Each, 25c; doz., \$2.50.**

DAHLIAS

We have selected the best of each class. Price quoted includes free delivery. Because one Dahlia costs a great deal more than another, does not necessarily mean that it is a better Dahlia, but that it is scarcer. Some of the finest Dahlias are low-priced because they are plentiful.

We offer the following very carefully selected list of Dahlias. After careful trials by a Dahlia expert, we are sure all will be found highly satisfactory in every respect.

Cactus Type

ATTRACTION. Entirely distinct. Immense formal flowers with broad petals coming abruptly to a point; color a beautiful lilac-mauve. Stems are very heavy, and the flowers held rigidly upright. Although of delicate color, this is one of the three most striking varieties we grow. **75c each; 6 for \$3.00.**

COUNTESS OF LONSDALE. A peculiar but pleasing blending of salmon pink and amber, a color difficult to describe. Blooms freely under all conditions. **Each, 30c; doz., \$3.00.**

KALIF. A giant type of impressive character and brilliance. Its evenly disposed rays are broad at base with long, tubular quills; the center a noticeable compact tuft. Color vivid turkey red. **50c each; \$4.50 per doz.**

LAWINE. A beautifully formed flower of large size; Pure white, with a suggestion of blush at center. One of the best White Cactus for cutting. **25c each; \$2.50 per doz.**

STANDARD BEARER. Bright pure scarlet. Flowers large, thick and full to center; of symmetrical and perfectly round form, petals semi-quilled. Extra productive and one of the best red cut flowers. **35c each; \$3.00 per doz.**

SEQUIA. Large, golden bronze; fine form, long stiff stems. A strong grower and profuse bloomer. One of the best. **Each, 35c; doz., \$3.00.**

Show Type

MRS. WELLESLEY. An old time favorite; creamy white, heavily tipped solferino and crimson. A charming bowl-bouquet subject; unmixed. **Each, 25c; doz., \$2.50.**

MAUDE ADAMS. An early and very free blooming sort, on the order of Susan, but larger and less globular. Very dainty; white, with a slight lavender suffusion inclined to focus a center. **Each, 35c; doz., \$3.50.**

A. D. LIVONI. Warm, rose-pink; perfect flowers, with quilled petals which nearly overlap at the ends. New kinds come and old kinds go, but Livoni can never be spared from a Dahlia list, selected for popular cut flowers. **Each, 25c; doz., \$2.50.**

CUBAN GIANT (Giant). Flowers 6 to 7 inches in diameter, dark, glowing crimson-shaded maroon. A tall, strong grower with projecting flower stems. **Each, 30c; doz., \$3.00.**

PURPLE PENELOPE. Fine purple Penelope (variegated). **Each, 25c; doz., \$2.50.**

RED HUSSAR. Tall, bushy, upright; a handsome landscape variety, or for one color bouquets. Of rigidly formal show type; its medium sized flowers gleam like rubies at pleasing intervals, above a setting of very dark green, crinkled foliage; unrivalled among its fellows. **Each, 25c; doz., \$2.50.**

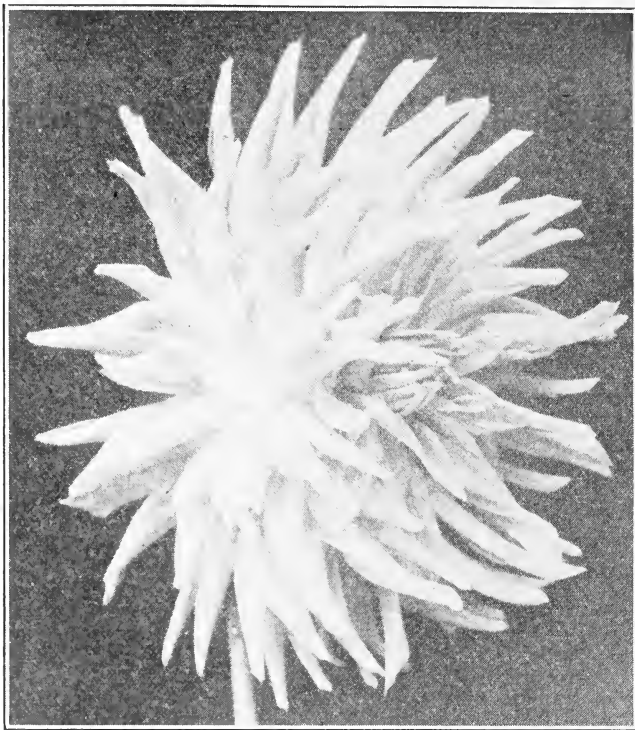
C. W. BRUTON. Clear yellow, large flower; sturdy habit. **Each, 25c; doz., \$2.50.**

PRINCESS VICTORIA. Large, round, fully quilled flowers of perfect form and soft, rich yellow color. This and the next variety are dependable, year after year, for a good show of unadulterated yellow. **Each, 25c; doz., \$2.50.**

HECTOR. A beautiful shell pink; you should not miss this in your collection. **Each, 35c; doz., \$3.00.**

SNOWBALL. Blush white, bell-shaped, borne on strong stem. **Each, 35c; doz., \$3.00.**

VARIEGATED RED AND YELLOW. Name speaks for itself. **Each, 20c; doz., \$2.00.**



Cactus Dahlia—"Attraction"

Decorative Type

JACK ROSE. Brilliant crimson red, similar in shade to the popular "Jack" Rose; perfect for garden decoration and cutting. **Each, 35c; doz., \$3.00.**

DELICE. One of the daintiest; almost transparent, yet of firm texture, perfect form and rich color. A warm tone of lilaceous pink, overlaid with white; the full center shaded a deeper hue and each petal point just nicked with silver. **Each, 25c; doz., \$2.50.**

HENRY PATRICK. Very fine white, tall growing, profuse flowerer. **Each, 50c.**

BONNIE BLUE. The nearest approach to a blue Dahlia. Perfect, full, round and short quilled, a very desirable cut flower. **Each, 50c; doz., \$4.50.**

ELDORADO. Rich yellow, tall growing and a free bloomer. **Each, 30c; doz., \$3.00.**

EVENTIDE. A splendid flower of perfect form and large size, on long, stiff stems, and which for all purposes may be termed a white Dahlia, there being but a faint flush of delicate rose on the edge of the flower. **Each, 50c; doz., \$5.00.**

THOMPSON. Very large, full petaled, somewhat recurved; brilliant scarlet. **Each, 25c; doz., \$2.50.**

WILLIAM AGNEW. Rich, dazzling carmine-red. **Each, 35c; doz., \$3.00.**

SYLVIA. Soft, pleasing mauve-pink, changing to white in the center; a fine cut flower. **Each, 35c; doz., \$3.00.**

REMINGTON. A fine shade of light pink; free bloomer. **Each, 25c; doz., \$2.50.**

BLACK BEAUTY. Very deep maroon, nearly black. Fine grown with other varieties. **Each, 35c; doz., \$3.00.**

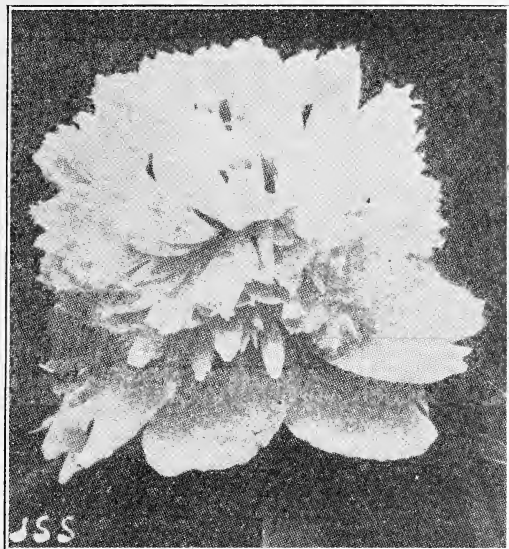
Single Type

WILD FIRE. Growth tall and compact, with ornamental foliage. Flowers are round and close petaled, of fair size; intense scarlet touched at center with gold. **Each, 20c; doz., \$2.00.**

FRINGED PINK CENTURY. Bright pink single flowers of good size, petals charmingly fringed. **Each, 50c; doz., \$5.00.**

HERBACEOUS PEONIES

Those of our customers who are fond of the old-fashioned "Pineys" of grandmother's garden will be even more delighted with the modern marvels which the skill of the hybridizer has given us. These are not any more difficult to grow than potatoes. Plant in good deep, rich soil so that the crown of the plant is about 2 inches below surface. Mailing weight, 16 ounces each root.



Double Herbaceous Peony

Johnson's Excelsior Double Pearl TUBEROSES

One of the most fragrant and most popular of the Summer flowering Bulbs. Easily recognized by its fragrance and beautiful flower spikes, which are borne on long stems, making it an admirable cut-flower for house decorations. Plant in open ground after the first day of May. If started in pots and then transplanted to open ground can be had much earlier. Mailing weight: 1 lb per doz., 5 lbs. per 100. Parcel Post Rates, see page 3.

MAMMOTH BULBS

Mammoth Excelsior Dwarf Pearl Tuberoses are a special selection which we have perfected after years of reselecting and improving. This mammoth strain is positively the highest type of Tuberoses. The kind to grow if you desire prize blooms. Prices: 15c each; \$1.50 doz.; \$8.00 per 100.

First Size Bulbs. These are choice, selected stock, free flowering, which are borne on long stout stems. They are the kind that are ordinarily sold for Mammoth bulbs. Prices: 10c each; \$1.00 per doz.; \$7.00 per 100.

Caladiums

Esculentum (Elephant-ear). Unequaled as a foliage plant. The leaves are shield-shaped, bright green, often measuring 3 feet or more in length and breadth. Very imposing in appearance when developed. Need very rich soil and an abundance of water. **Extra Large.** 11 to 12 inches in circumference. 40c each; \$4.00 per doz. **First Size.** 9 to 11 inches in circumference. 30c each; \$2.75 per doz.; \$17.50 per 100. **Second Size.** 7 to 9 inches in circumference. 15c each; \$1.50 per doz.; \$10.50 per 100. **Third Size.** 5 to 7 inches in circumference. 10c each; 90c per doz.; \$7.50 per 100.

Cinnamon Vine

Hardy climber with dark green foliage, and bearing a profusion of small white flowers of delicious fragrance. 10c each; 90c per doz.

Madeira Vine

A rapid-growing climber, bearing graceful racemes of fragrant white flowers; of great value for covering porches and arbors. 15c each; \$1.50 per doz.

Albatre. Large, compact, globular rose type. Petals edged milk-white with fine line of lilac. Strong grower and free bloomer. \$1.00 each; \$10.00 per doz.

Dorchester. Large, compact rose type; pale pink; fragrant. Free bloomer. Dwarf. 75c each; \$7.50 per doz.

Duchesse de Nemours. Medium size. Sulphur-white. Free bloomer and strong grower. 75c each; \$7.00 per doz.

Edulis Superba. Deep rose-pink with lighter shadings. The earliest variety in our collection. 75c each; \$7.50 per doz.

Eugenie Verdier. Pale hydrangea-pink flecked with crimson. \$1.25 each; \$12.00 per doz.

Felix Crousse. Large; globular; brilliant red. Free bloomer. One of the best red Peonies. \$1.00 each; \$10.00 per doz.

Festiva Maxima. Very large; white. Vigorous grower. One of the best whites. 75c each; \$7.50 per doz.

Golden Harvest. Peach-blossom pink with creamy-white center. \$1.00 each; \$10.00 per doz.

Jeanne d'Arc. A choice variety notable for its exquisite perfume and other good cutting qualities. Guards pale lilac-pink, with full tufted center of sulphur-white. \$1.00 each; \$7.50 per doz.

La Tulipe. Very large globular flesh-pink, shading to ivory-white; center petals tipped carmine. \$1.00 each; \$10.00 per doz.

Mme. de Verneville. Broad sulphur-white guard petals and compact white center; touched carmine. \$1.00 each; \$10.00 per doz.

Mme. Ducl. A very perfectly formed globular flower of a bright silvery pink, with salmon shadings and silvery reflex. \$1.00 each; \$10.00 per doz.

Mile. Leonie Calot. Delicate rose with lilac-pink center. Good grower. Medium tall. 75c each; \$7.50 per doz.

Richardson's Rubra Superba. Deep carmine or crimson. Fragrant. Good grower. Very late. \$1.00 each; \$10.00 per doz.

Large Flowering Cannas

For grouping on lawns, or for large beds, no plants are more effective. They bloom soon after planting. We offer the following choice varieties. Foliage green where not noted.

Canna tubers should not be put into the ground until the soil has become warm. They commence blooming in June and continue until late in September. Every shoot bears a flower, and these shoots are being constantly produced throughout the season.

All varieties, except where noted, 15c each; \$1.50 per doz.; \$12.00 per 100. Mailing weight, 3 oz. each; 2 lbs., per doz.

ALLEMANIA. Rich red, yellow border. Height, 5 feet.

CANDELABRA. A fine new variety. 4 ft. Three to five flower branches on each stalk at one time is the average, and every single branch is ablaze with a torch-like flame of orange-scarlet bloom. 50c each; \$4.00 per doz.

CITY OF PORTLAND. 3½ feet. Distinct among the several really worth-while pink Cannas. A deep pink which does not fade during the hot weather. A free bloomer, with flowers borne well above the foliage. 30c each; \$3.00 per doz.; \$18.00 per 100.

DUKE OF MARLBORO. An attractive deep brilliant crimson. 4 feet.

EUREKA. The best white for massing, very free and of fine habit. 4½ feet. 20c each; \$2.00 per doz.; per 100, \$16.00.

KING HUMBERT. Bronze foliage. Flowers of a brilliant orange-scarlet, with bright red markings. 5 feet.

YELLOW KING HUMBERT. Foliage dark green. Flowers a deep rich yellow, spotted and blotched with bright red.

KING MIDAS. 5 ft. Very large flowers of glittering gamboge-yellow. An outstanding variety, making glorious trusses on stems as straight as an arrow. A true Canna aristocrat. 75c each; \$6.00 per doz.

MADAME CROZY. Vermilion with gold border, 3½ feet.

QUEEN CHARLOTTE. Rich pomegranate-red, bordered with golden yellow. 3 feet.

KARL MERCK. Beautiful golden yellow. 4½ feet.

WABASH. Rosy-pink flowers. Foliage rich reddish-bronze. 4 feet. 35c each; \$3.50 per doz.; per 100, \$25.00.

VENUS. Color soft rosy-pink, with a mottled border of creamy-yellow. 4 feet.

WINTZER'S COLOSSAL. 5 feet. The largest-flowered Canna. Vivid scarlet.

WYOMING. Brilliant orange. Purplish-bronze foliage. 6 feet.

JOHNSON'S SELECT SMALL FRUITS

SMALL FRUITS. Owing to the fact that it is best to transplant hardy fruits as soon as possible after they have been taken from the soil, we have found that it is much more satisfactory all around for our customers to leave their orders, and we will have them packed separately at the nursery. They will be delivered to the purchaser in much better condition than if we tried to carry a complete stock at our store.

At the prices we quote we do not guarantee nursery stock, and will make no replacements. We deliver stock in good condition, and therefore cannot be responsible for improper planting or adverse growing conditions.

Six Luscious Strawberries

A selection of perfect flowering, well-tried standard sorts, which combine in the highest degree all the qualities looked for in high-grade berries, and no amateur will go wrong in limiting his plantings to the sorts here offered.

Big Joe (Mid-season). Highly recommended by reliable growers, and our own experience justifies us in endorsing all that has been said in its favor. The plant is unusually vigorous; the fruit is large of exquisite flavor, and produced freely on strong stems held well above the ground.

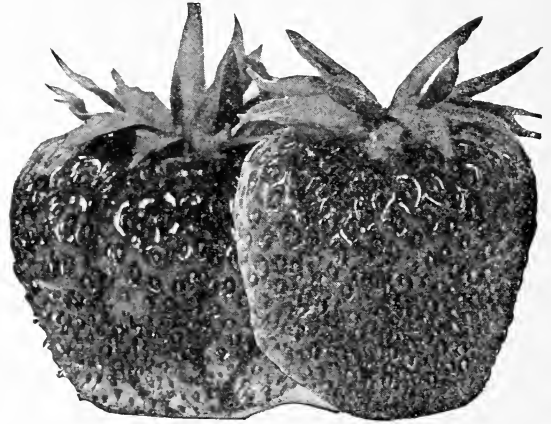
Gandy's Prize (Late). The standard late variety, which has held its own for many years. It is a strong, healthy grower. The berries are borne on long strong stalks, well above the ground.

Premier (Very Early). The money-making king of all extra-early varieties. The berries are large, beautifully formed and bright red all the way through. It is delicious in flavor.

Senator Dunlap (Mid-season). A good variety for the amateur. The fruit is bright red with a glossy finish shading to a deep scarlet on the underside. The flesh is bright red all through, and exceedingly juicy. Plants produce a heavy crop of fruit, and berries hold up well in size clear to the end of the season.

William Belt (Early). Of all berries grown this variety excels in popularity. The plant is a vigorous grower, succeeds upon almost all soils, invariably yields heavily and the berries are always of large size and highest quality, its flesh is solid and deep crimson in color.

Price. Any of the above varieties in strong layer plants, 35c per doz.; \$2.00 per 100; \$15.00 per 1000.



Premier

Autumn-Fruiting or Everbearing Strawberries

The Everbearing Strawberries have now become just as important a part of the garden as the standard early fruiting varieties.

After careful trials we have selected the two varieties offered below as the most desirable. Under ordinary conditions they produce their main crop of fruit at the same time as other varieties and keep on bearing until frost. The proper plan is to cut off all buds as they appear until late in July, and thus conserve the strength of the plants for the fall crop. Treated in this way an abundant crop of berries may be looked for during September and October, or if the disbudding of parts of the plants is discontinued late in June an almost continuous crop of this luscious fruit may be secured throughout the growing season. Good cultivation is essential to bring about the best results, a liberal mulching during the summer is beneficial, and the plants should not be allowed to suffer for lack of water at any time.

Price: Either of the Everbearing varieties, 50c per doz.; \$2.50 per 100; \$20.00 per 1000.

Progressive. The most prolific fruiting of this type; berries of fair size and produced in great abundance; they are of an attractive deep, glossy crimson color and of good flavor.

Superb. The fruit is very large, glossy dark red color, particularly firm and of choicest quality. The Superb is the largest Fall Strawberry.

The Strawberry plants offered on this page are Layer Plants, and are for Spring Delivery. Pot-grown Plants will be Ready in August.

BLACKBERRIES

Blackberries respond generously to good treatment. They prefer a deep soil, inclining to sand, but will grow and fruit almost anywhere.

El Dorado. One of the best, large, sweet and tender; very hardy.

Snyder. One of the oldest and still one of the most popular.

Price: \$1.00 per doz.; \$7.00 per 100; \$60.00 per 1000.

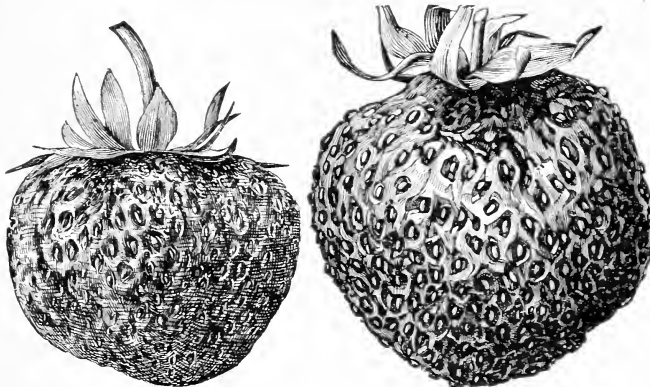
RASPBERRIES

Raspberries will succeed in any soil that will grow good corn. For best results the old wood should be cut just as soon as the crop has been gathered.

Cumberland. A large black cap of exceedingly fine quality.

Cuthbert. Large, deep, rich crimson.

Price: \$1.00 per doz.; \$9.00 per 100; \$60.00 per 1000.



Big Joe

Superb Everbearing

FIVE BEST HARDY GRAPES

Catawba. Red, sweet and rich, with pleasant musky flavor.

Concord. The most popular black grape; succeeds everywhere.

Moore's Diamond. Greenish white, with rich yellow tinge.

Moore's Early. Large, black; good quality.

Niagara. Berries large, light greenish-white; slightly ambered.

Price: Strong selected two-year-old vines, 50c each; \$5.00 per doz.; \$35.00 per 100.

CURRENTS

Black Naples. Large black for preserves.

Cherry. Large, red, popular sort.

Fay's Prolific. Largest and finest red.

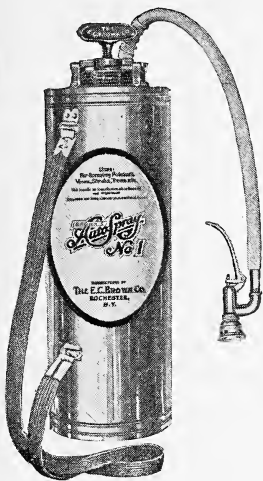
Perfection (New). Color, red; larger than Fay and Cherry. Each, 45c; doz., \$4.50; 100, \$34.00.

Price: Each, 40c; doz., \$4.00; 100, \$30.00, except where noted.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order.

SPRAYERS AND DUSTERS

Auto-Spray No. 1—Compressed Air



Auto-Spray No. 1

The Auto-Spray No. 1 is the strongest and most simple in its working parts of any compressed air sprayer. Two pumpings of about 15 strokes on the plunger will discharge the contents under high and constant pressure. After pumping, the operator has nothing to do but direct the spray. This sprayer is equipped with our patented Non-Clogging Nozzle.

USES: For spraying trees, shrubs, vines, field crops, greenhouses and poultry houses; for applying Paris green, arsenate of lead, bordeaux, lime and sulphur emulsions, disinfectants, cattle-fly oil, whitewash, cold water paints, etc.

CONSTRUCTION: It consists of a solution tank holding 3½ gallons. The tank is made of galvanized steel or heavy sheet brass, as ordered. (We strongly recommend the Brass, because it will not corrode with strong solutions, and will last indefinitely.)

The Sprayer is carried by a shoulder strap, and will cover ten times more area in a day than can be covered with the old style sprayers.

Auto-Spray No. 1B—Brass tank with auto-pop.....\$9.50

Auto-Spray No. 1D—Galvanized tank, with auto-pop..... 6.50

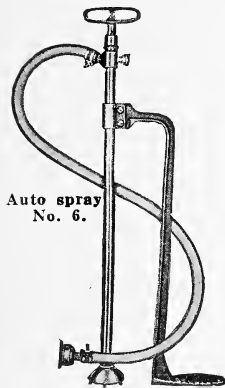
Two-row Attachment—For spraying two rows at one time..... 1.50

Brass Extension Pipe—Two feet long..... .70

Brass Elbows—For spraying under vines, etc..... .40

Brass Strainer—For straining solution..... 1.20

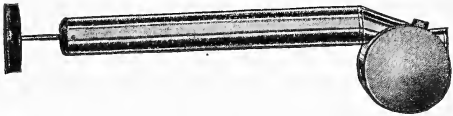
Bucket Sprayer



Auto spray No. 6.

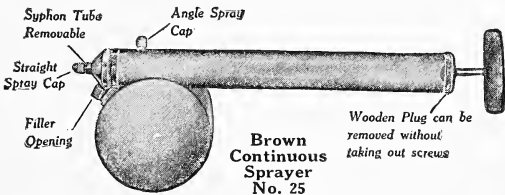
AUTO-SPRAY No. 6, as shown herewith is probably the most powerful bucket pump manufactured. This sprayer can easily generate a pressure of 200 lbs. The pump sprays perfectly on both the up and down strokes; 3½ feet of high-pressure ¾-inch hose, brass, fine spray nozzle, brass solid-stream nozzle. Mail weight, 7 pounds. Complete, \$5.50. 2 ft. Brass extension, 50c. Mail weight, one pound.

Hand Sprayers



AUTO-SPRAY No. 22. (Shown above.) For all kinds of small spraying and disinfecting. This atomizer is made of heavy tin and holds one quart. Price, 60c.

Brown Continuous Sprayer No. 25



Sprays fly oils and disinfectants as well as the regular spraying materials. An extra nozzle is furnished for spraying under side of the foliage.

Each

Brown's Sprayer No. 25-A—one quart, all tin\$1.00

Brown's Sprayer No. 25-B—One quart, tin pump, galv. tank..... 1.25

Brown's Sprayer No. 25-C—One quart, tin pump, brass tank..... 1.50

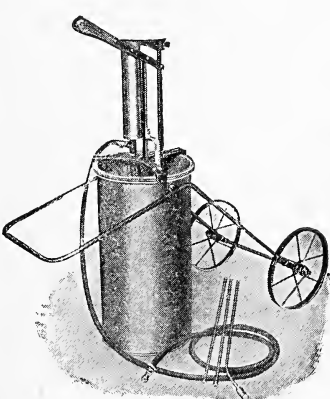
Brown's Sprayer No. 25-E—½ gallon, tin pump, brass tank..... 2.00

Paragon
Sprayers

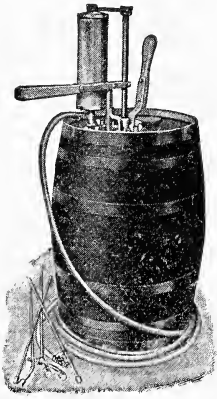
Paragon Sprayers are good investments. They pay large dividends. Better and more fruit.

These cuts show the simplicity of the pump, also the strainer and agitator. No other pump can show this feature. This pump is strong, simple and durable. Can easily be handled by one man.

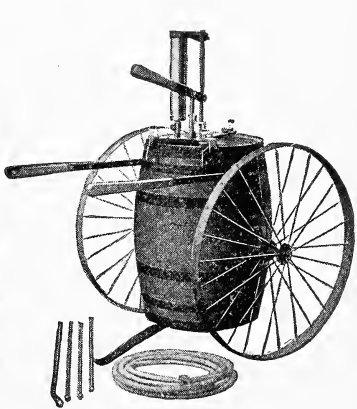
The Paragon Sprayer will develop a pressure of 150 to 250 pounds.



Paragon Sprayer No. 3



Paragon Sprayer No. 5



Paragon Sprayer No. 4

PARAGON SPRAYER No. 3
Price, \$25.00—Capacity, 12 Gallons

EQUIPMENT: 10 feet Special Spray Hose, 7½ feet Extension Pipe, 1 Mist Nozzle, 1 Steel Cap, 1 Straight Spray Nozzle.

PARAGON SPRAYER No. 5
Price, \$45.00—Capacity, 50 Gallons

EQUIPMENT: 25 feet Special Spray Hose, 10 feet Extension Pipe, 1 Three-Way Spraying Nozzle, 1 Single Spraying Nozzle.

PARAGON SPRAYER No. 4
Price, \$39.50—Capacity, 28 Gallons

EQUIPMENT: 20 feet Special Spray Hose, 10 feet Extension Pipe, 1 Mist Spray Nozzle, 1 extra Steel Cap, 1 Straight Spray.

MISCELLANEOUS GARDEN SUPPLIES

We will mail any of the following articles that we can, provided postage is remitted with order. Some articles will be postpaid and you will find them so marked. Prices quoted are subject to change without notice. If you wish articles not listed on the following miscellaneous pages, write us, we will gladly procure them for you if they are not in stock.

ASPARAGUS BUNCHER. Philadelphia No. 1. Without knife. Makes bunches 3 to 3½ inches in diameter. Each (2 lbs.), \$3.50.

ASPARAGUS or CELERY TAPE. Red or Blue in spools of 1,000 yards. Fast colors. Makes bunches very attractive for the best trade. Price subject to change. Per spool (2 lbs.), \$3.00.

APRONS, GARDENERS' RUBBER. Heavy, \$2.50. Lighter weight rubber (1 lb.), \$1.25.



ASPARAGUS KNIFE or LAWN WEEDER. Drop forged blade. Birch handle, 15 inches long. Weight, 1 lb. Each, 65c.

BILL HOOKS, ENGLISH. For trimming shrubbery. Weight, 4 lbs. Price: Short handle, \$4.50; long handle, \$6.50.

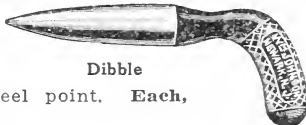
BELLOWS.

Sulphur. For applying sulphur, Hellebore, etc., to plants. Price, \$4.00.

Woodason's Double Cone Powder. For dusting plants with dry powders for insects and fungus. The best article ever invented for destroying insects in the conservatory, garden, orchard or field. Price, \$6.75.

Woodason's Single Cone. Large size, Price, \$4.75; small size (for conservatory and home use). Price, \$3.50.

CORN KNIVES. For cutting down cornstalks. Each, 90c.



DIBBLE. Iron handle; steel point. Each, 60c; 5 or more at 55c.

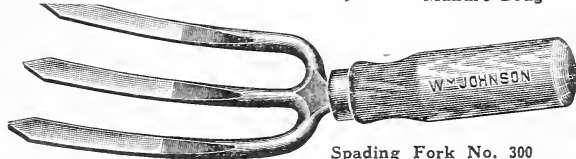
DUSTERS, ACRE-AN-HOUR. For distributing insecticides, etc. 2½ quarts. Each, 75c.

DUSTERS. Vermorel. For Market Gardeners. Single, each, \$16.00; Double, each, \$21.00.

EDGING KNIVES or TURF EDGERS. American. Steel blade. Hard wood handle. Each, \$1.00.

FLOWER POTS. (See Pots, page 61.)

FORKS, POTATO DIGGING or MANURE DRAG. 4 tines. Each, \$1.50.



FORKS, SPADING. No. 300. Well made. Length over all, 11 inches. Each, 55c.

FORKS, SPADING. No. 400. Finished in red enamel. Hardwood handle with brass ferrule. 4 tines. Length over all, 10 inches. Each, 35c.

FORKS, MANURE. Strapped ferrules. 6 tines. Each, \$2.25.



FORKS, SPADING. All steel with strapped ferrules. Each, \$2.00.



Spading Fork No. 400

FUMIGATING LAMPS. For vaporizing Nicotine. 75c.

GARDEN LINE. White, glazed. Superior to Italian Hemp garden line. 48 feet weighs 6 ounces. 48 feet, 75c.

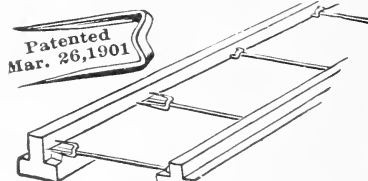
GARDEN LINE REELS. With stake. \$2.50.



GLASS CUTTER. No. 1, Turret Head, Tested. (4 oz.) Each, 50c.

GLASS CUTTER. Red devil. Each, 25c, postpaid.

"PEERLESS" GLAZING POINT.
(Improved Van Reyper.)

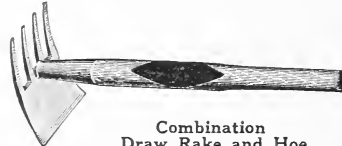


Price, per 1,000, 75c; postpaid, 90c. 5,000, \$3.50, by express.

GRAFTING WAX. ¼ lb., 15c; ½ lb., 30c; 1 lb., 50c.

GRASS EDGER, AMERICAN. 9-inch blade, \$1.50.

HANGING BASKETS. Galvanized wire. 8 inch, 35c; 10 inch, 45c; 12 inch, 60c; 14 inch, 75c; 16 inch, 85c.



Combination Draw Rake and Hoe



Grass Edger

HOES

Baby Warren. For transplanting, making and covering drills in flower beds, and weeding. Excellent for scraping young trees. 4½ inch blade.....\$0.55

Combination Draw Hoe and Rake, with 5 foot handle, 4½ inch cut, 4 teeth..... .90

Corn. 7 inch blade, 2½ inches deep..... 1.00

Draw or Field. 6, 7 and 8 inch blades..... 1.00

Magic Weeder Hoes. Strong and durable, spring teeth. Light and easy to use; very popular. **Short Handle,** 3 teeth, 20c; 4 teeth, 35c; 4 teeth, 1½ inch blade on back for use as a hoe, 45c. **Long Handle,** 4 teeth, 3 inch blade on back, \$1.10; 4 teeth only.. 1.00

Pull Easy Hand Cultivators. Malleable iron and steel frame and teeth; arms easily adjustable to any width row. 18 inches, 9 teeth, 4 ft. handle..... 1.50

Scuffle or Push Hoe with Handle. American. 9 and 10 inch, 90c; 7 and 8 inch, 75c; 6 inch..... .70

Warren. Heartshaped Hoe; 5 foot handle..... 1.25

HOTBED SASH. Unglazed. Four rows glass 8x10 inches square. Each, \$3.50. Cydres, knock down, five for \$17.00.

MISCELLANEOUS SUPPLIES—Continued

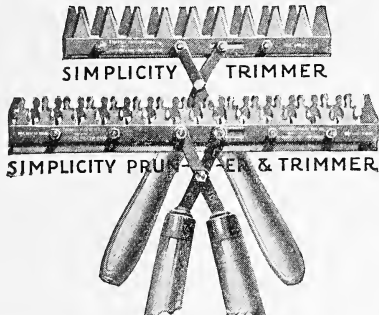
Simplicity Hedge Trimmer

SIMPLICITY
HEDGE PRUNER
AND TRIMMER

With this tool you can actually do as much work in one hour as you formerly did in four hours with the old style pruner or lopping shears.

SIMPLICITY'S are made of the Finest High Grade Carbon Steel and will give you long service and satisfaction.

PRUNER AND TRIMMER.....\$7.50
TRIMMER.....5.00



Pruning Knife



Pruning Knife

KNIVES, ASPARAGUS or WEEDING. (See page 60.)
KNIVES, BUDDING. Saynor's. One blade straight or curved. Each, \$4.25.
KNIVES, PRUNING. Field's Staghorn handle. Each, \$2.75.
KNIVES, PRUNING. Ivory handle. Each, \$1.00.
KNIVES, PROPAGATING. Ivory handle. Each, \$1.00.

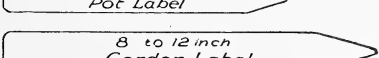
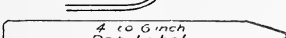
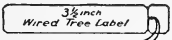


PLANT AND POT LABELS. Mark your plants and know the particulars about them.
Simplex. Slide transparent cover to one side, mark with ordinary lead pencil. Replace cover, pass wire through both holes and attach.

Including Copper Wires for Attaching:
No. 1—3x½ inches.....Doz. 100
No. 2—4x¾ inches.....\$0.35 \$2.50
......75 4.50

Pot Labels

Wooden.
Painted 100 1000
4 in....\$0.40 \$2.00
5 in....50 2.40
6 in....60 3.25



Garden Labels.

Painted 100 1000
8 in....\$1.50 \$9.00
10 in....2.20 12.00
12 in....3.00 16.00

Tree Labels.

Wooden.....100 1000
3½ in., iron wired....50c \$3.00
3½ in., copper wired...60c 3.25

MASTICA



MASTICA. For glazing greenhouses, hotbeds, sash, etc., better than putty, does not crack, always remains soft. Per gallon, \$2.75.

MASTICA MACHINE.

For applying above. (Weight, 1½ pounds). Each, \$3.00.



MOSS, LOG, GREEN. Per bag, \$3.00.
MOSS, SPHAGNUM, DRIED. Bale, \$3.00; 5 bales, \$13.75.
MOLE TRAP, THE REDDICK. A powerful trap used principally on lawns; easily set. Made of galvanized iron. It will catch moles when they are quite deep in the ground. As the points of the pins are constantly in the ground, they cannot injure domestic animals. Each, \$1.25; per doz., \$11.00.

OSMUNDINE FIBRE. Used for potting Orchids. Per bag, \$3.50.

PAPER, for Wrapping Flowers.

Plain White Tissue, 24x36.....Lb. Ream
White Wax, 24x36.....\$0.30 \$2.25
Green Wax, 24x36......35 3.25
......40 3.75



Clay Flower Pot



Neponset Paper Pot



Fibre Saucer

Flower Pots and Saucers

CLAY FLOWER POTS. Prices for Standard, Low or Azalea Styles.

Size	Each	Doz.	100	1000
2 inch	\$0.03	\$ 0.25	\$ 1.50	\$13.25
2½ inch	.03	.30	2.00	18.00
3 inch	.04	.35	2.50	23.50
4 inch	.05	.42	3.00	28.50
5 inch	.07	.70	5.00	54.00
6 inch	.10	1.10	8.00	81.00
7 inch	.15	1.75	14.00	.....
8 inch	.25	2.75	20.00	.....
9 inch	.40	4.50	33.50	.....
10 inch	.50	5.50	46.00	.....
12 inch	1.25	12.50	.....	.....

CLAY SAUCERS

Size	Each	Doz.	100
4 inch	\$0.04	\$0.40	\$ 2.25
5 inch	.05	.50	3.00
6 inch	.07	.65	5.00
7 inch	.10	1.00	6.00
8 inch	.14	1.40	9.00
9 inch	.20	1.75	12.00
10 inch	.20	2.00	14.55
11 inch	.25	2.50	17.90
12 inch	.30	3.00	21.45
14 inch	.50	.....	.....

NEPONSET PAPER POTS. Made of water-proof paper; light, clean and unbreakable.

Size	Doz.	100	1000
2½ inch	\$0.15	\$0.75	\$ 5.50
3 inch	.22	.80	7.20
3½ inch	.25	1.20	9.50
4 inch	.35	1.60	12.00
5 inch	.40	2.35	18.50
6 inch	.55	3.10	23.50

FIBRE SAUCERS. Far cheaper in the end than earthen-ware. Extremely desirable on account of being absolutely waterproof.

Size	Parcel Post Weight	Each	Price, Doz.
5 inch	¼ lb.	\$0.35	\$ 3.60
6 inch	¼ lb.	.37	3.90
7 inch	½ lb.	.40	4.20
8 inch	½ lb.	.42	4.50
9 inch	¾ lb.	.46	4.90
10 inch	¾ lb.	.50	5.30
12 inch	1½ lbs.	.55	6.30
14 inch	1½ lbs.	.78	8.40
16 inch	2 lbs.	1.41	15.00
18 inch	2½ lbs.	1.62	20.00
20 inch	4 lbs.	2.00	22.00

ROLLING STANDS FOR FIBRE SAUCERS. Heavy plants can be pushed around from place to place as easily as a light table.

	Each	Doz.
Outside diameter about 12 inches. Takes pot 10 inches at bottom.....	\$1.25	\$11.40
Outside diameter about 14 inches. Takes pot 11 inches at bottom.....	1.55	14.25
Outside diameter about 16 inches. Takes pot 13 inches at bottom.....	2.25	25.65
Outside diameter about 18 inches. Takes pot 15 inches at bottom.....	2.75	30.40

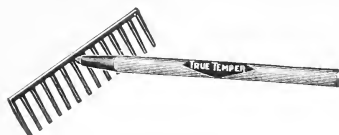
PUTTY. Twemlow's Old English. Semi-liquid. Per gal., \$3.25.

MASTICA. Liquid Putty. Per gal., \$2.75.

PUTTY BULB. Scollay's. Useful tool with a tube for applying liquid putty in glazing greenhouses. (Weight, 1½ lbs.) Each, \$1.50.

RAFFIA. Lb., 25c; 5 lbs., \$1.00.

MISCELLANEOUS SUPPLIES—Continued



Lawn and Garden Rake



Steel Bow

RAKES. Wire and Steel.

Wire Lawn or Grass. Heavy tinned steel, reversible. 24 teeth, 85c; 36 teeth, \$1.25.

Lawn and Garden. Made of the best cast steel. 12 teeth, \$1.10; 14 teeth, \$1.25; 16 teeth, \$1.40.

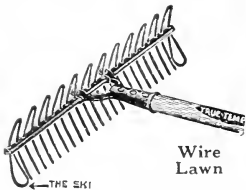
Steel Bow Rakes. 12 teeth, \$1.10; 14 teeth, \$1.20; 16 teeth, \$1.30.

RAKES. Wooden.

Ole Olsen Lawn Rake. Has 26 wooden teeth. Head is slightly curved. Hickory wood, \$1.40.

Automatic Lawn Rake. Self cleaning. Made of hard wood; 26 teeth, \$1.75; 38 teeth, \$2.25.

Ames Wooden Rakes. 24 teeth, steel bows. Each, \$1.40.



Wire Lawn

Pruning Saws

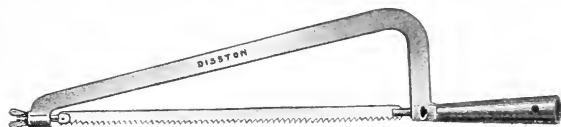


DISSTON PRUNING SAWS

No. 111. Malleable iron handle. 10 inch blade; adjustable. 2 lbs. Each, \$2.50.

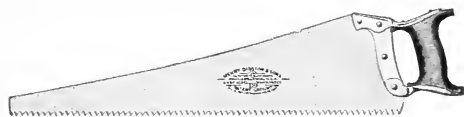


No. 11. For sawing by hand or attached to a pole. Adjustable for different angles. 2 lbs. Each, \$2.00.



No. 10. Pole saw. Socket handle. Adjustable blade. Without pole. 2 lbs. Each, \$2.50.

No. 25. Flat steel frame. Beech handle. Blued steel blade. 14 inch blade. 2 lbs. Each, \$2.25.



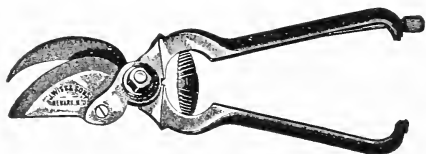
York State Pruner. Beech handle. Narrow steel blade 20 inches long. 2 lbs. Each, \$2.50.

Shears—Pruning, Hedge, Border

SHEARS, LOPPING. Rhodes' Double Cut Wood Handled Pruner. The most powerful pruner made. Made in three lengths, 20 inch, 26 inch and 30 inch. Each, any length, \$5.00. Shipping weight about 5 lbs.

SHEARS, PRUNING. Wiss Jr. No. 209. An extra fine quality shear, made of the best steel. \$1.50 each.

SHEARS, PRUNING. Wiss No. 109. The very best shear made. Each, \$4.50.



Wiss Pruning Shears. No. 109

Shears—Pruning, Hedge, Border—Contin'd



V. B. No. V12

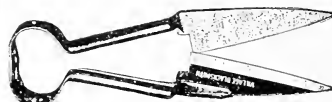
PRUNING SHEAR. Village Blacksmith No. V14. California Pattern. Extra fine steel. Each, \$3.50.

PRUNING SHEAR. Village Blacksmith. No. V12. One of the best inexpensive shears for the average home owner. Each, \$1.50.



Village Blacksmith. No. V14

Shears—Grass



No. V52



No. V1



Hedge Shears

GRASS SHEAR. No. V52. One of the best inexpensive shears made. Will hold its edge for years if not abused. Each, 90c, postpaid.

GRASS SHEAR. No. V1. Blades are of the best steel and will give the greatest satisfaction. Will last a lifetime. Each, \$1.50, postpaid.

SHEARS, HEDGE. No. 100. Forged solid steel. Steel Ferrules. 8 inch, \$2.50; 9 inch, \$3.00; 10 inch, \$3.50.

SHEARS, HEDGE. No. 101. Notched with knife edge for cutting heavy growth. Each, 8 inch, \$3.00; 9 inch, \$3.50.

SHEARS, BORDER. No. 104. Without wheel. Forged solid steel. 36 inch handles. Each, 8 inch, \$5.25; 9 inch, \$5.50; 10 inch, \$5.75.

SHEARS, BORDER. No. 105. With wheel. Forged solid steel, 36 inch handles. Each, 8 inch, \$5.50; 9 inch, \$5.75; 10 inch, \$6.00.



Grass Border Shears. No. 105

CLYDE TREE PRUNERS. With removable cutting blade and pole complete.

Each	Each
6 feet \$2.25	10 feet \$2.75
8 feet 2.50	12 feet 3.00

Extra Blades for Clyde Pruners. 25c each.



SHOVELS. Dennis, solid steel, square or round point, D handle. Each, \$2.50.

SICKLES, for Grass. No. 1, each, 75c. No. 75, each, 60c; No. 5, each, 45c.

SIEVES. Any size mesh; made to order. Extra heavy, 18 inch, \$3.00.

SILKALINE. For stringing smilax, etc. Spool, 35c; 8 spools, \$2.50.

SPADES, STEEL. Best. Each, \$2.00.

SPADING FORK. Best steel. Each, \$2.00.

SPRINKLER, SCOLLAY'S RUBBER. Each, \$1.50.

SYRINGES, BRASS GREENHOUSE. No. 11. One stream, two sprays. Each, \$6.50.



Clyde Pruners

MISCELLANEOUS SUPPLIES—Continued

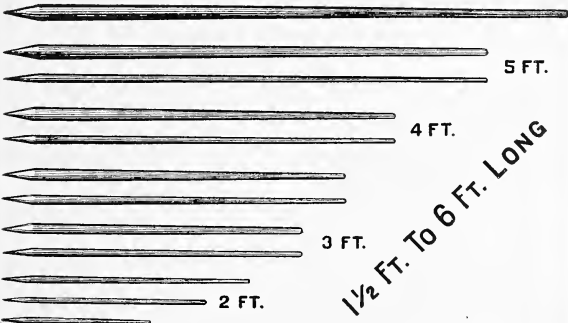
Plant Stakes and Supports

STAKES, JAPANESE GREEN CANE

	Per doz.	Per 100
1½ feet	\$0.20	\$0.75
2 feet .....	.25	1.25
3 feet .....	.35	1.75
4 feet .....	.45	2.25

STAKES, JAPANESE CANE. Natural. 6 ft. Doz., 40c; per 100, \$2.50; per 250, \$6.00; per 1,000, \$19.00.

GREEN PAINTED ROUND PLANT STAKES



HEAVY ROUND PLANT STAKES. Shown Above

	Each	Per doz.	Per 100
3 feet, Heavy or Dahlia.....	\$0.15	\$1.50	\$11.50
4 feet, Heavy or Dahlia.....	.20	2.15	15.50
5 feet, Heavy or Dahlia.....	.25	2.65	20.00
6 feet, Heavy or Dahlia.....	.30	3.00	25.00

Parcel post weight, per doz., 3 ft., 3 lbs.; 4 ft., 5 lbs.; 5 ft., 7 lbs.; 6 ft., 9 lbs.

WOOD STAKES. Light Tapering, Round, Painted Green. Shown Above.

	Per doz.	Per 100
1½ feet	\$0.50	\$ 2.50
2 feet .....	.90	4.50
2½ feet	1.00	6.00
3 feet	1.25	7.50
3½ feet	1.40	9.50
4 feet	1.65	12.50
5 feet	2.00	15.00

Parcel post weight, per doz., 1½ ft., 1 lb.; 2 ft., 1½ lbs.; 2½ ft., 2 lbs.; 3 ft., 2½ lbs.; 3½ ft., 3 lbs.; 4 ft., 4 lbs.; 5 ft., 5 lbs.

POINTED FLORAL OR HYACINTH STAKES

Used for Staking Hyacinths, Tulips, etc. Dyed Green

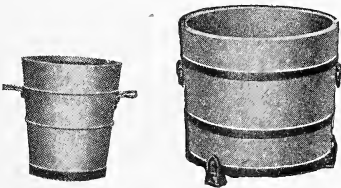
	Price, Doz.	Price, 100	Price, 1000
12 inch	\$0.08	\$0.35	\$2.50
18 inch .....	.10	.60	3.50

ADJUSTO PLANT SUPPORT

Indispensable for Roses, Dahlias, Tomatoes and other plants. Stakes and wires complete.

	Each	Doz.
3 feet.....	\$0.20	\$2.00
4 feet.....	.22	2.25
5 feet.....	.25	2.50
6 feet.....	.28	3.00

Plant Tubs



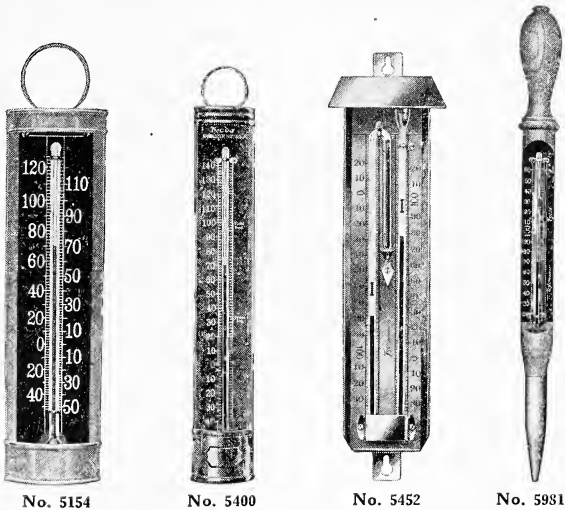
This is the way you adjust it

Adjusto

Richmond Style			New York Style		
Size	Diam.	Each	Size	Diam.	Each
No. 3	8 inch.....	\$0.90	No. 1	12 inch.....	\$3.40
No. 5	10 inch.....	1.00	No. 2	13 inch.....	4.00
No. 7	12 inch.....	1.50	No. 3	14 inch.....	5.50
No. 9	14 inch.....	2.00	No. 3½	16 inch.....	6.00
No. 11	16 inch.....	2.50	No. 4	19 inch.....	7.50
No. 13	18 inch.....	3.00	No. 5	22 inch.....	9.50

TREE SCRAPERS. Best steel, 10 and 20 inch handle, \$1.50.

Thermometers



TYCOS THERMOMETERS are the best and most carefully tested Thermometers made.

No. 5154-S. Greenhouse. Has black japanned metal case, and has been carefully tested for accuracy. 8 inch, each, \$1.00, postpaid.

No. 5400. Greenhouse. Much more substantially made than No. 5154. Black japanned case with mercury for distance reading. 8 inch, each, \$1.75; 10 inch, \$2.00; 10 inch copper case, \$2.75; postpaid.

No. 5452. 8-inch japanned; self registering.....\$6.50

No. 5981. Hot-Bed, or Mushroom..... 2.50

Trowels



Trowel, D. S. T.

D. S. T. STEEL SHANK TROWEL

These are somewhat long in blade and handle, making a very practical tool. 6 inch blade. Will last a lifetime. \$1.00 each. Parcel post weight, 1½ lbs.



No. T10

TROWELS, GARDEN. No. T10. All steel; one piece. English. 6 inch. Each, 60c.

TROWELS, GARDEN. No. T12. Steel, 6 inch. Each, 25c.

TRANSPLANTING TROWEL. No. T25. Long, narrow steel blade. Each, 25c.

TRANSPLANTING TROWEL.

No. 15. Made of heavy steel and enameled red, socket shank. 6 inch blade, 8 inch handle. English pattern. Each, 65c.

No. T25

TIN FOIL. For wrapping.

1 lb.	\$0.25
5 lbs.	1.20

TWINE. For stringing smilax, etc. (silkalene).

2-oz. spool .....	.40
1 lb.—8 spools.....	2.75

Green Sea Island Cotton.

Single ball25

TWINE, JUTE. 2 or 3 ply. Lb., 40c; 10 lbs. at 35c. Ask for prices on larger lots.

MISCELLANEOUS SUPPLIES—Continued

WATERING CANS, WOTHERSPOON'S. Long spout. For greenhouses; round style. Heavy galvanized iron, 2 copper roses. Six qt. size, \$4.00; 8 qt. size, \$4.50; 10 qt. size, \$5.00; 12 qt. size, \$5.50; 16 qt. size, \$6.00. Low style for greenhouses, 4 qt. size, 2 roses, \$3.50.

WOTHERSPOON'S OVAL or FRENCH STYLE CANS. Like cut herewith. At 75c each, higher than the round style.

WEEDERS. Combination. Each, 40c.

Eureka. Best hand weeder for loosening soil around plants. Short handled. 45c. (Mailing weight, ½ lb.)

Hazeltine. Each, 35c. (Mailing weight, 6 oz.)

Excelsior Weeding Hook.

Can be used to great advantage among small and tender plants. Price, each, 15c; doz., \$1.50.

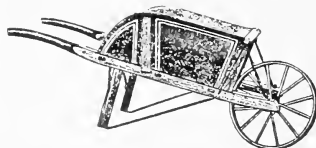
Lang's Hand Weeder. Is in our opinion the best; its special feature is a band which passes over the fingers, which when the tool is not in use, gives full use of the hand for pulling weeds and thinning out plants without laying down the tool. Price, 25c each.

THE CLEVELAND LAWN WEEDER. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull suffices to dislodge it without disturbing the surrounding sod. Price, each, \$1.25.

WHEELBARROW, JOHNSON'S EXCELSIOR. Substantially made. Length of body, 26½ inches; width of body, wheel end, 18½ inches; handle end, 23 inches; depth, 12 inches; steel wheel, 20 inch diameter. Weight, 40 lbs. Each, \$8.50.



Excelsior



Eureka Weeder



Hazeltine Weeder



Combination Weeder



Lang's Weeder

LAWN REQUISITES, SPRINKLERS, NOZZLES, MOWERS, ETC.



"Cyclone"



"Universal"



Ring

GALVANIZED, STEEL HOSE CLAMP. Made of steel, heavily galvanized by electro process, making it practically rust proof. Gives long service. Each, 4c; doz., 40c, postpaid.



ALLEN

RING SPRINKLER. One of the most popular Sprinklers on the market; made of heavy sheet brass with perforations arranged to give rain-like effect. No parts to wear or lose. Mailing weight, 1 lb. Each, \$1.00.

CYCLONE SPRINKLER. Ground joint head. Head and arms finished brass, stem japanned red. Base japanned black with swivel hose connection. One of the most popular sprinklers on the market. Mailing weight, 3 lbs. Each, \$2.25.

UNIVERSAL SPRINKLER. Combination spray and three-arm revolving sprinkler, head and arms brass nickel plated, base japanned black with swivel hose connection. Head perforated, giving more distribution than any other sprinkler. Recommended for heavy pressure. Mailing weight, 3 lbs. Each, \$2.75.



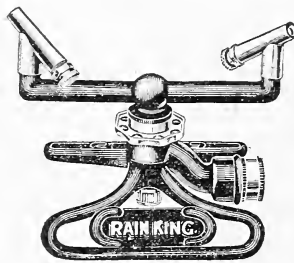
ALLEN NOZZLE. Heavy cast brass nozzle giving spray, straight stream, and positive shut-off. Spray formed in barrel of nozzle and full circle—spray guaranteed. All nozzles tested by water pressure before shipment. Mailing weight, 1 lb. Each, \$1.00.

GIANT RAIN KING. This is the Giant among Sprinklers, both for build and performance. Quality-built like Standard Rain King,



Giant Rain King \$12.50

but with 4 sprinkler arms to do more work and do it faster. Stands 4 feet high and has 20-inch sprinkler arms. Beautifully finished in green enamel with attractive brass fittings. Any man who takes pride in his lawn or grounds is bound to be interested in the Giant Rain King the instant he sees it. Weight 19 lbs. Price each, \$12.50

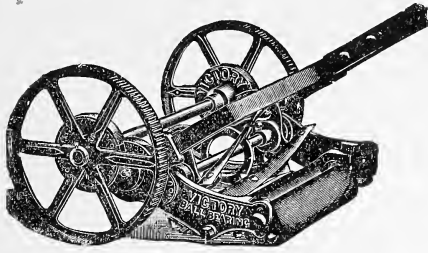


STANDARD RAIN KING. Waters the largest lawns or the smallest corners, strips, and odd shaped places. Sprinkles in two directions at once or concentrates wherever water is wanted. Gives a gentle mist, a soaking down-pour or light shower—all at instant command. Weight, 3 lbs. Price each, \$3.50; postpaid, \$3.75.



RAIN KING HOSE NOZZLE. The First Perfect Hose Nozzle. This is the only hose nozzle without moving parts to wear, clog, or give trouble. The different sprays are obtained by a new and unique principle. Throws all sprays farther than any other hose nozzle made. Weight, 10 oz. Price each, \$1.50; postpaid, \$1.65.

GARDEN HOSE. Johnson's Surprise Brand (Corrugated). An extra high-grade, long-wearing rubber Hose, made especially for us. We handle it in large quantities and are able to offer it at exceptionally low prices. ½-inch, 50-foot lengths, with couplings \$8.50; ¾-inch, 50-foot lengths, with couplings \$9.75.

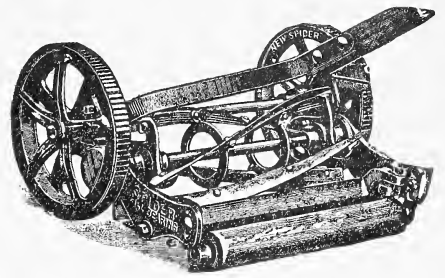


TOWNSEND'S "FLYER." Ball bearing. It is the strongest, lightest running mower of its class. Has a 9 in. wheel. 5½ in. reel, 4 blades, crucible steel, oil tempered; lower blade is also crucible steel, oil tempered. 14 in., \$13.00; 16 in., \$14.00; 18 in., \$15.00.

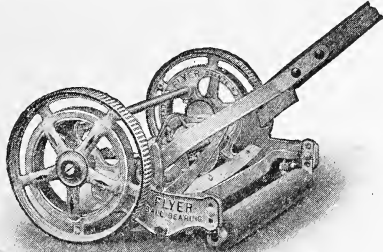
LAWN MOWERS

TOWNSEND'S "VICTORY."

Ball bearing. The gears are entirely enclosed so that no dirt or cut grass can get into the pinions and clog them. It has a 10 in. wheel, 5½ in. reel, 4 blades, crucible steel, oil tempered; lower blade is also crucible steel, oil tempered. 14 in., \$19.00; 16 in., \$20.50; 18 in., \$22.00; 20 in., \$23.50.

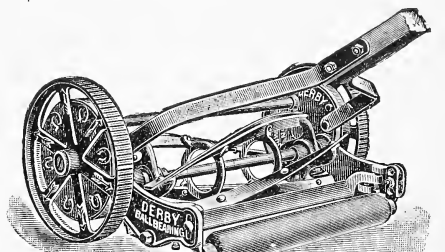


"SPIDER." Ball Bearing. 9 in. wheels, 5½ in. reel, 4 blades, all oil tempered crucible steel. 14 in., \$18.00; 16 in., \$20.00.



TOWNSEND'S "DERBY."

Ball Bearing. 9 in. wheels, 5½ in. standard reel, 4 blades of oil tempered crucible steel. 14 in., \$17.00; 16 in., \$18.00; 18 in., \$20.00.



PLANET JR. SEEDERS AND CULTIVATORS

No. 4 Seeder and Single Wheel Hoe

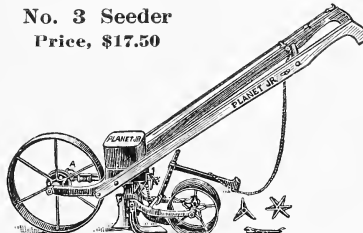
Price, \$18.00



No. 4. Simple, accurate seeding attachment for either hill or drill sowing, and complete single wheel hoe. A splendid all-around tool for home or small market garden. Wheel Hoe equipment; one pair of 6-inch hoes, three cultivator teeth, one garden plow, leaf-guard, and marker.

No. 3 Seeder

Price, \$17.50



No. 3. 15-inch Wheel. Holds 3 quarts. A popular size Seeder for both large and small gardens. Well-made, accurate, easily operated, quickly changed from one kind of seed to another.



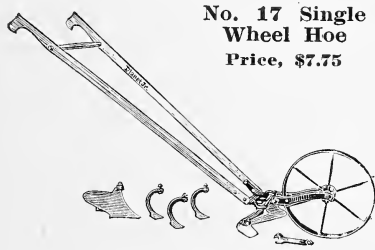
No. 25 Seeder and Double Wheel Hoe

Price, \$21.50

No. 25. With No. 25 two acres a day can easily be worked, and when it is done, it will be a better job than several men could have done in the same time with hand hoes.

No. 17 Single Wheel Hoe

Price, \$7.75



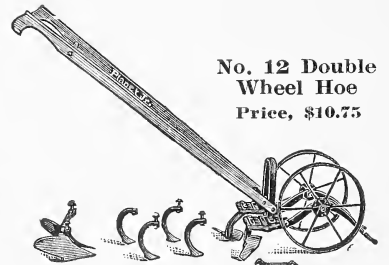
No. 17. The most useful tool in the small garden. Lighter than Double Wheel Hoes, easy to operate and does splendid work. Equipment: One pair of 6-inch hoes, three cultivator teeth, one large garden plow.

No. 19 Garden Plow and Cultivator

Price, \$6.25



Complete Planet Jr. catalogue on request No. 19. For garden and field work. A cheap and effective tool for certain kinds of field work. Equipment: One 2-inch cultivating tooth, one 10-inch sweep, one plow, one 5-prong cultivating attachment.

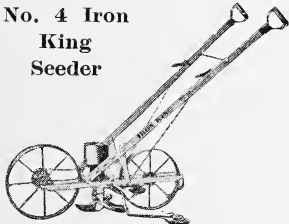


No. 12 Double Wheel Hoe

Price, \$10.75

No. 12. The most popular Double Wheel Hoe made. Can be quickly changed to Single Wheel Hoe if desired. Equipment: One pair of 6-inch hoes, four cultivator teeth, 1 pair plows, 2 leaf-lifters.

No. 4 Iron King Seeder

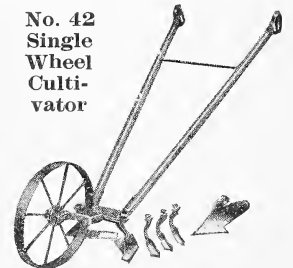


IRON KING. No. 4. All steel, has fewer parts, and is less complicated than any other seeder. Two seed plates with each drill. Shipping weight, 43 lbs. Price, \$13.50. With fertilizer attachment, \$18.00. Shipping weight, 52 lbs.

IRON KING. Single Wheel Hoe No. 42. Has standard equipment of hoes, three teeth and a plow which enables the owner to care for all garden work after planting. Price, \$6.00. Shipping weight, 20 lbs.

Iron King Tools

No. 42 Single Wheel Cultivator



INSECTICIDES AND FUNGICIDES

For Insect Pests and Fungous Growths

LIQUIDS AND POISONS ARE NOT MAILABLE. OTHER INSECTICIDES AND FUNGICIDES MAY BE SENT AT PARCEL POST RATES IF YOU REMIT THE POSTAGE WITH YOUR ORDER.

NOTE—All prices are subject to change

ANSECT. Designed particularly to kill the Rose Bug. It is an exceedingly efficient and powerful contact insecticide, should be used as a spray and diluted in the proportion of one to thirty of water. (For a quart sprayer use 5 teaspoonfuls of Ansect and fill with water.) Gal., \$6.00; pt., \$1.00; qt., \$1.75; 4 oz. sample can, 30c.

ANT EXTERMINATOR. For red and black ants. This powder exterminates them. ½ lb., 35c; lb., 50c.

APHINE. Effective against all soft-bodied and plant-sucking insects such as green, black, white fly, red spider, thrips, mealy bugs, brown and white scale, currant and cabbage worm, etc. Use as a spray or wash, diluting in water. Pt., 75c; qt., \$1.15; gal., \$3.25.

ARSENATE OF LEAD, POWDER. Has all the advantages of the paste form, but goes twice as far and is easier to handle. Can be applied like Paris Green with powder guns. ½ lb., 30c; lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$9.00; 50 lbs., \$17.00; 100 lbs., \$30.00.

"BLACK LEAF 40" (Sulphate of Nicotine). Highly recommended for destroying aphids, thrips, etc. Oz., 35c.

BORDEAUX MIXTURE, POWDER. In a popular and convenient form for immediate use; can be used dry or with water. ½ lb., 25c; lb., 40c; 5 lbs., \$1.25; 10 lbs., \$2.25; 20 lbs., \$4.00.

COPPER SOLUTION. An excellent spray for mildew, blight and rust on fruit, flowers and vegetables. Should be diluted 100 times with water. Qt., \$1.50; gal., \$4.00.

GETS-THERE SOAP. For washing palms. 3 lbs., \$1.00.

GRAPE DUST. Very efficient in destroying mildews and preventing blight, either in greenhouses or in the open. 5 lbs., \$1.00.

FUNGINE. A remedy for mildew rust, bench-rot and other fungi. Does not stain the foliage. Pkt., 75c; qt., \$1.15; gal., \$3.50.

HELLEBORE. Best Grade, Powdered, White. For rose slugs, currant worms, etc. ½ lb., 35c; lb., 60c; 5 lbs., \$2.75.

HERBICIDE. The best weed exterminator for paths, gutters, drives, and tennis courts. Qt., 60c; ½ gal., \$1.00; 1 gal., \$1.75; 5 gals., \$7.00; 10 gals., \$12.50. In 30 gal. drums for \$30.00 plus freight, and 50 gal. bbl. for \$45.00 plus freight from factory in New Jersey.

KEROSENE EMULSION. An old reliable remedy for use against many soft bodied and sucking insects like plant lice, scale, mealy bug, etc. Kills by contact. Pt., 50c; qt., 85c; gal., \$2.25.

LEMON OIL. Claimed by many to be the best and cheapest insecticide on the market. Used now by nearly all the leading growers. It effectually controls mealy bugs, scale, thrips and red spider. Pt., 60c; qt., \$1.00; ½ gal., \$1.75; gal., \$3.00; 5-gal. keg., \$12.50.

LIME-SULPHUR, POWDERED. Practical form of Lime-Sulphur in concentrated nature. Will readily mix with cold water and make fresh liquid Lime-Sulphur. 20 to 25 pounds will make 50 gallons liquid for dormant spray of 32 per cent Baume strength. Lb., 40c; 5 lbs., \$1.40; 10 lbs., \$2.25; 25 lbs., \$4.75; 100 lbs., \$15.50.

LIME-SULPHUR SOLUTION, LIQUID. For San Jose and all other scale insects. A fungicide. When used against scale, spray when the tree is dormant in the early spring or late fall. Qt., 50c; 2 qts., 75c; gal., \$1.25; 5 gals., \$3.75; ½ bbl., 25c per gal.; bbl., 23c per gal. Barrels charged at \$2.00 each, but are returnable for credit.

STOP-VERMIN. Protects crops against the ravages of the root maggot and other garden pests; also eradicates earth worms from lawns and putting greens. Lb., 60c; 5 lbs., \$2.25; 10 lbs., \$4.00.

MELROSINE. Death to rose bugs and all other minor insects and diseases that affect the rose. Used in any spray pump.

6 oz. can.....	\$0.50	½ gal. can.....	\$3.25
Pint can.....	1.00	Gallon can.....	6.00
Quart can.....	1.75		

NICO-FUME LIQUID. A highly refined solution, containing 40 per cent nicotine, for spraying as a remedy for aphids, thrips, black and white fly. May be used for vaporating. ¼ lb., 85c; lb., \$2.50; 4 lbs., \$8.00; 8 lbs., \$15.00.

NICO-FUME TOBACCO PAPER. Consists of a paper saturated with a nicotine solution containing not less than 20 per cent of nicotine. A most effective mode of fumigation for conservatories and greenhouses, leaving no odor in the flowers. Tight can of 24 sheets, \$1.25; 144 sheets, \$5.50; 288 sheets, \$10.00.

PARIS GREEN. More extensively used than any other poison. Purest of all brands. ¼ lb., 20c; ½ lb., 35c; lb., 65c. Special prices on large quantities.

PYRON, BOWKER'S. The one best spray for apples, potatoes and general purposes against leaf-eating insects and fungous diseases. This combined insecticide and fungicide is better than Paris Green, Arsenate of Lead or Bordeaux Mixture, and cheaper to use. It sticks to foliage like paint, in spite of heavy rains. Mix it with cold water, and it is ready to use. Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.75; 50 lbs., \$11.50; 100 lbs., \$19.50.

SCALECIDE. Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons of water. Scalecide does not clog nozzles or pump. Qt., 75c; gal., \$1.85; 5 gal., \$7.50; 10 gal., \$12.50; 30 gal. bbl., \$29.50; 50 gal. bbl., \$43.50.

SULPHO TOBACCO SOAP. An excellent article for the greenhouse or conservatory. Especially good for destroying scale on palms and other plants. Soluble in warm water. 3 oz., 15c; 6 oz., 25c.

SLUG SHOT. Non-poisonous powder. Very effectual in destroying potato bugs, beetle, slugs, worms, caterpillars. Use by dusting on plants. 1 lb. carton, 20c; 5 lbs., 65c; 10 lbs., \$1.25; 25 lbs., \$2.75.

SULPHUR (Flowers of Sulphur). For mildew on plants, etc. Lb., 12c; 5 lbs., 55c; 10 lbs., 90c; 25 lbs., \$2.00.

TOBACCO DUST. For dusting and fumigating. Best grade. The most effective and cheapest remedy for the flea on cabbage, etc. Lb., 15c; 5 lbs., 50c; 10 lbs., 85c; 50 lbs., \$3.25; 100 lbs., \$6.00.

TOBACCO STEMS. For fumigating. Valuable as a mulch for rose beds and sweet peas. 10 lbs., \$1.00; bbl. sack, \$1.75; 100 lbs., \$3.00.

THRIP JUICE (Hammond's No. 2). Effective for exterminating aphids, red spider, mealy bug, etc. Pt., 85c; qt., \$1.45; gal., \$4.50.

TREE TANGLEFOOT. A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. Lb., 60c; 5 lb. cans, \$2.75; 10 lb. cans, \$5.25; 20 lb. cans, \$11.00.

VERMINE. For all soil vermin, such as cut-, eel-, wire-, and grub-worms, slugs, root lice, maggots and ants. Pt., 65c; qt., \$1.00; gal., \$3.00.

WILSON'S O. K. PLANT SPRAY. For 20 years the Leading Insecticide of America, for inside and outside spraying. For Aphids, Thrip, Mealy Bug, Scale, Rose Bugs and many other insects. The only insecticide recommended by the officers of the Garden Club of America. ½ pt., 40c; 1 qt., \$1.00; 1 gal., \$3.00; 5 gals., \$10.00; 10 gals., \$20.00; 25 gals., \$50.00; 50 gals., \$90.00.

WORM ERADICATOR, READE'S. For removing worms from greenhouses, lawns, flower pots, vases, etc., without damage to the plants. Bottles, 50c and \$1.00; gal., \$4.25.

WHALE or FISH OIL SOAP. For destroying and preventing insects on plants, trees, vines, etc. Very easily applied and very effective. Lb., 35c; 5 lb. can, \$1.50.

X. L. ALL COMPOUND. For spraying very delicate plants; kills mealy bug, red spider and all insect pests. Pt., \$1.50; qt., \$2.25; 2 qts., \$4.25. All British measure which is larger than U. S. measure.

JOHNSON'S HIGH GRADE FERTILIZERS

Two Good Fertilizers for Your Lawn and Garden

Pulverized Sheep Manure

FREE OF WEEDS

This is a pure natural manure and one of the most nutritious foods for plants. It is very rich, safe, and gives quick results. It will give excellent results on flower beds, lawns or in vegetable gardens. Can be used either in dry form or dissolved to make a liquid manure. If applied dry, no raking off is required as it does not disfigure the grounds, nor does it contain seeds of foul weeds, nor offensive odor. For the garden, lawn or greenhouse nothing surpasses it; it is clean and easily handled, besides giving immediate results.



Prices Delivered in Cleveland

1 lb.	\$0.15	50 lbs.	\$ 2.00
2 lbs. ....	.20	100 lbs.	3.50
5 lbs. ....	.35	500 lbs.	15.00
10 lbs. ....	.60	1000 lbs.	26.00
25 lbs.	1.25	2000 lbs.	50.00

Is Your Soil Sour?

AGRICULTURAL HYDRATED LIME. It supplies the element calcium to plants; it makes "sour soil sweet," changes an acid condition to a slightly alkaline one; it has the power to shrink clay and adobe soils, making a larger number of crumbs from a sticky mass; it prevents packing, baking and cracking, makes cultivating easier; it promotes the normal decay of organic matter in the soil. It destroys fungus and the germs of insect life that infest the soil. Hydrated Lime, because of its fineness, high calcium content and concentrated condition, is the ideal agricultural lime and the most economical on the market. Use one-half less than other forms of lime. In sacks weighing 50 lbs. per sack, \$1.50; 2 sacks (100 lbs.), \$2.50. Delivered anywhere in the city. Write for prices on ton lots.

NITRATE OF SODA. Break up the lumps before using. Apply in the home garden as a solution one ounce to two gallons of water. For asparagus use 250 lbs. per acre when growth starts. For strawberries top dress with 100 lbs. per acre just after blossoming. For other crops use 100 lbs. per acre when the plants are well established. 1 lb., 15c; 5 lbs., 50c; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.00. Write for prices on larger quantities.

BONE AND BLOOD. For cabbage, cauliflower, corn and other crops of big surface growth; not desirable for root crops except as it is used in connection with potash, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 300 to 500 lbs. per acre. 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50; 500 lbs., \$20.00; 1000 lbs., \$37.00; 2000 lbs., \$70.00.

PURE CRACKED BONE. For grape vines, fruit trees, shrubs and trees of all kinds. Should be used when planting out and should be well mixed with the soil to the depth of a foot or more. 5 lbs., 50c; 25 lbs., \$1.50; 100 lbs., \$5.50; 1/4 ton, \$25.00; 1/2 tons, \$45.50; ton price on application.

CLAY'S FERTILIZER. This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them back to the highest perfection. It should also be used in potting soil as a top dressing. 28 lbs., \$5.00; 56 lbs., \$8.50; 112 lbs., \$15.50.

SCOTCH SOOT (Genuine Imported). Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. 28 lbs., \$2.75; 56 lbs., \$4.00; 112 lbs., \$7.50.

LEAF MOLD. Indispensable for azaleas, rhododendrons, etc. In sacks of about 120 lbs., \$3.00 per 100 lbs.

COW or CATTLE MANURE (Shredded). One sack of this is equal to one cart-load of fresh cow manure. Especially suited for soil mixing, mulching and liquid manuring. 100 lbs., \$3.50; 500 lbs., \$15.00; 1000 lbs., \$26.00; ton, \$50.00.

HARDWOOD ASHES. Highest grade unleached. For top-dressing lawns, especially if the soil is stiff or sour, 1 1/2 tons to the acre. 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$2.75; 500 lbs., \$11.00; 1000 lbs., \$20.00.

Prices on all fertilizers are subject to change without notice

Bone Meal

JOHNSON'S SUPERIOR BRAND

Stable dressing is unpleasant to handle and always contains more or less weed seeds. There are no weed seeds in this fertilizer. It will impart to your lawn that much desired dark green and velvety appearance. Should be applied as a top dressing either in spring or fall. Unusually rich in nitrogen and phosphoric acid, the two principal plant foods.

Prices Delivered in Cleveland

5 lbs.	\$0.40	100 lbs.	\$ 4.00
10 lbs. ....	.65	200 lbs.	7.50
25 lbs.	1.25	1000 lbs.	35.00
50 lbs.	2.25	2000 lbs.	60.00

SULPHATE OF AMMONIA. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. 5 lbs., 55c; 100 lbs., \$6.00.

MURIATE OF POTASH. Apply 100 to 125 lbs. per acre usually with other fertilizers. 5 lbs., 45c; 100 lbs., \$4.75.

TANKAGE. For roses, etc., under glass; similar to dried blood. 50 lbs., \$2.25; 100 lbs., \$4.00; 200 lbs., \$7.00; ton, \$60.00.

MOSS, SPHAGNUM. For filling orchid baskets, etc., and for mixing with potting soil to conserve moisture. In large bales of about 30 lbs. at \$2.50 per bale, f. o. b. Cleveland.

PEAT, ORCHID. For potting orchids, etc. In sacks of about 30 lbs. at \$3.00 per sack.

PEAT, ROTTED. Fine for mixing with soil for potted plants such as azaleas, palms, etc. In sacks of about 5 lbs. at \$4.00 per 100 lbs.

BLOOD (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.50; 200 lbs., \$16.00.

ADCO

ARTIFICIAL STABLE MANURE

Make It Yourself—In Your Own Garden

Gardeners can make ADCO manure by the method already described, or in large quantities by the same method that is used by farmers. To each ton of straw, hay, cornstalks or dried leaves, add 150 lbs. of ADCO to make four tons of fresh or three tons of rotted manure.

In Britain artificial manure has been made and used widely during the last few years. It is in use now in Regents Park, London, in the King's Gardens at Windsor, on large farms and estates.

Each shipment is accompanied by simple directions, which make any mistake impossible.

ADCO, in 25-lb. bags, each.....\$2.25
(Enough for 12 wheelbarrow loads of garden waste, making one-half ton of manure)

ADCO, in special 150-lb. bags, each.....\$11.50
(Enough for a heap 10 ft. x 10 ft. x 6 ft., making about three tons of manure)

YOU CAN GROW BEAUTIFUL FLOWERS FERNS PLANTS

By Using

"New Plant Life"

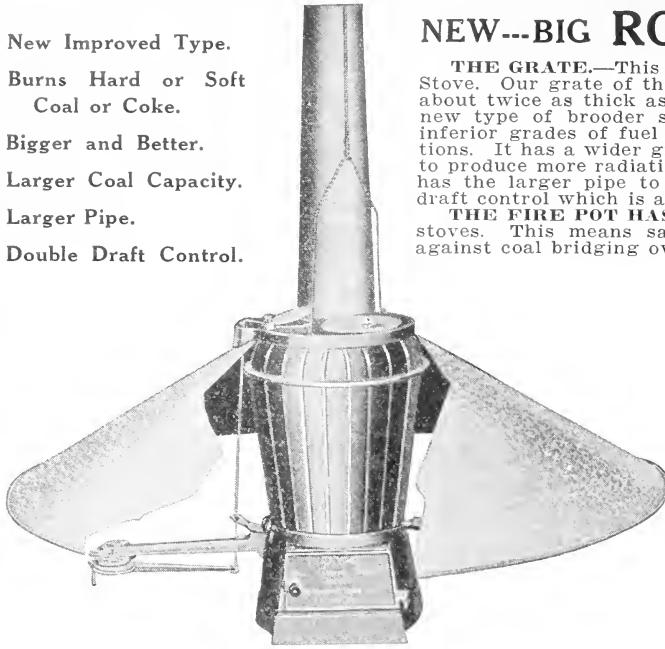
(LIQUID)

One teaspoonful in one quart of water when watering plants.

1/2 pt. can, each, 45c; doz., \$4.00.



New Improved Type.
Burns Hard or Soft
Coal or Coke.
Bigger and Better.
Larger Coal Capacity.
Larger Pipe.
Double Draft Control.



NEW---BIG ROYAL BROODER STOVES

THE GRATE.—This is a very important part of the new big Royal Brooder Stove. Our grate of the rocker type is about 3 inches larger in diameter and about twice as thick as the average standard brooder. Burns any fuel. This new type of brooder stove has been designed with a view of burning the inferior grades of fuel that it is necessary to burn under present day conditions. It has a wider grate with the fire pot straight up and down and ribbed to produce more radiation and take care of expansion and contraction. It also has the larger pipe to prevent clogging from coal tar and soot and double draft control which is absolutely necessary in burning soft coal.

THE FIRE POT HAS from 30 to 50 per cent more coal capacity than other stoves. This means satisfaction in holding fire over night and protection against coal bridging over or clogging on account of the shape of our fire pot, making it impossible for the coal to bridge over, regardless of how poor the quality. This also permits a larger combustion chamber to allow for 5 inch pipe.

The new Royal Brooder is as near automatic as it is possible to make it. The only adjustment of the regulator is made at the beginning of the season and needs no change.

THE HOVER is riveted to an extra heavy cast iron collar which fits perfectly over the top of the stove and is stiffened at the edges by a very heavy wire rolled edge. Equipped with wire, cable and pulleys for raising.

Gas attachments can be furnished without any extra charge, if ordered in place of the coal equipment or at a slight extra charge when ordered as additional equipment.

SPECIFICATIONS

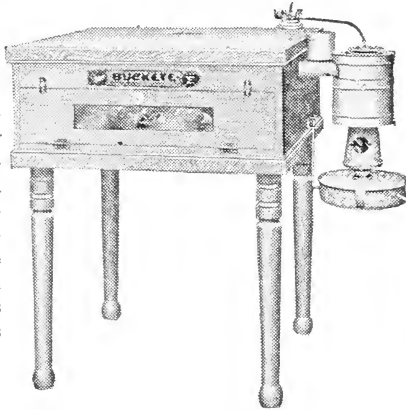
No. 5. Capacity up to 500 Chicks. 42 in. Hover. \$21.50

No. 6. Capacity up to 1000 Chicks. 52 in. Hover. 26.50
Stove equipped with Rocker Grate, Self-Cleaning and will not clog. Equipment includes Rope and Pulleys for Canopy.

BUCKEYE INCUBATORS

NO PREVIOUS EXPERIENCE NECESSARY

It is not necessary to have any previous experience to operate a Buckeye. The entire Buckeye system is so simple that a boy or girl can operate it as satisfactorily as an experienced operator.



BUCKEYE "STYLE E" INCUBATOR
(Shown Above)

No. 14.	Capacity, 65 eggs.....	Price, \$16.50
No. 16.	Capacity, 120 eggs.....	" 27.50
No. 17.	Capacity, 210 eggs.....	" 36.75

BUCKEYE "STANDARD" INCUBATORS

No. 1.	Capacity, 120 eggs.....	Price, \$ 37.50
No. 2.	Capacity, 175 eggs.....	" 44.50
No. 3.	Capacity, 250 eggs.....	" 57.75
No. 4.	Capacity, 350 eggs.....	" 68.00
No. 5.	Capacity, 600 eggs.....	" 107.00

INCUBATOR THERMOMETERS. We have them for any make of incubator.

No. 1042. Incubator. Length, 4½ in. Black oxidized. Each, \$1.00, postpaid.

No. 1052. Incubator. Length, 4½ in. Black oxidized, flange on upper edge. Each, \$1.00, postpaid.

No. 1046, with wire holder. Can be used on any incubator. \$1.00. Without holder, 85c, postpaid.

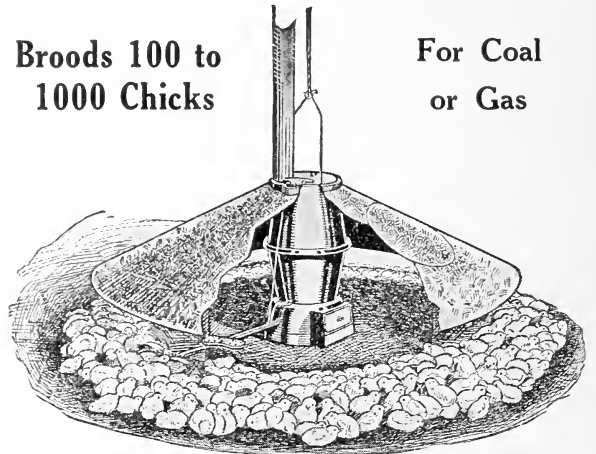
No. 1096, with adjustable brass legs and wire hangers. \$1.25, postpaid.

BROODER THERMOMETERS. No. 1122. Mounted on wooden post. Length, 10 inches. \$1.00, postpaid.

The Buckeye Colony Brooder

Broods 100 to
1000 Chicks

For Coal
or Gas



FOR HARD OR SOFT COAL

No. 18 Buckeye Standard Brooder—Capacity 500 chicks	\$21.50
No. 19 Buckeye Standard Brooder—Capacity 1000 chicks	26.50
No. 25 Buckeye Standard Brooder—Capacity 1200 chicks	30.00
Ask for illustrated Buckeye catalog.	

Buckeye Blue Flame Oil Colony Brooders

No. 27. Capacity, 200 chicks. Diameter, 34 inches. Shipping weight, 40 lbs.....	Price, \$17.50
No. 28. Capacity, 350 chicks. Diameter, 42 inches. Shipping weight, 50 lbs.....	Price, 20.00
No. 29. Capacity, 500 chicks. Diameter, 52 inches. Shipping weight, 60 lbs.....	Price, 22.50

POULTRY SUPPLIES

We have space to list but few of the many items we carry in leading Poultry Supplies

Chick Feed Troughs

These troughs are very convenient for feeding flocks of growing chicks. The trough is made on a half circle so that every bit of feed can be easily eaten out of it. 10 inch trough, 35c; 20 inch trough, 50c. Add 8c each for postage.



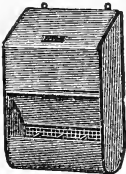
Standard Grit and Shell Box

This Grit and Shell-Box has slanting front, inclined top and round bottom to trough. Just the thing to hold oyster shell, charcoal and grit for a small flock of fowls. Each, \$1.25. Weight, 2 lbs.



Dry Mash Hopper

The door hinged on the front is raised, as shown in the cut, for the fowls to eat; but when it is let down it closes the hopper up completely, making it rat, mouse and dust proof. The Economy hopper is 18½ inches high, and 6½ inches wide, and made in two lengths. No. 1 Economy Dry Mash Hopper, 12 inches long, one compartment, \$1.75. Shipping weight, 7 lbs. No. 2 Economy Dry Mash Hopper, 24 inches long, \$2.50. Shipping weight, 13 lbs.



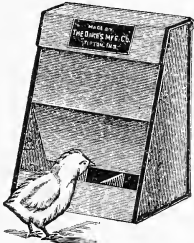
Oakes Feeder and Fountain

A galvanized pan made to hold any Mason fruit jar. Easily cleaned and keeps water always so it can be seen.

Can be used either for feed or water. We do not furnish jars. Price each, 15c; 2 for 25c; by parcel post, each, 20c; 2 for 35c.

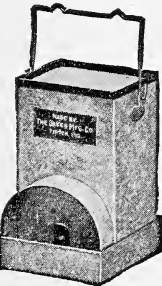
Chick Grit and Shell Box

Growing chicks should have grit, oyster shell and charcoal always before them; and for this purpose our Chick Grit and Shell Box is indispensable. Height, 7½ inches; width, 6 inches; depth (front to back) 4 inches at bottom, and 2 inches at top. 75c. Shipping weight, 2 lbs. Larger size, \$1.10.



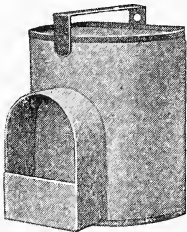
Drop Bottom Fountain

In this style of Drinking Fountain, the pan which forms the trough from which the fowls drink is hinged at the back and fastened by a brass latch in front. The hood over the trough prevents falling dust and dirt from getting into the water; and when the bottom is turned back, the inside of the fount can be easily cleaned out and kept in sanitary condition. 2 qt., 90c, shipping weight, 2 lbs.; 1 gal., \$1.15, shipping weight, 3 lbs.; 2 gal., \$1.35, shipping weight, 5 lbs.



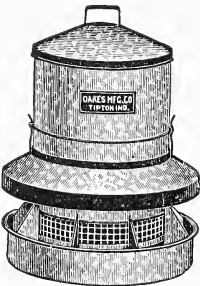
Sanitary Wall Fountain

These fountains are very convenient to handle and more sanitary than the ordinary kind. A hood projects over the water trough and protects the water from getting soiled. The back is flattened for ease in hanging up. 1 qt. size, 60c, shipping weight, 1 lb.; 1 gal. size, \$1.25, shipping weight, 3 lbs.; 2 gal. size, \$1.60, shipping weight, 5 lbs.



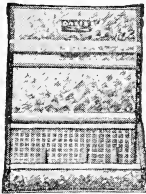
Round Pigeon and Chick Hopper

Made of galvanized steel and the galvanized wire grating is adjustable, up and down, to regulate the feed, which is automatic. A neat, practical, and durable hopper. Height, 13½ inches; diameter of hopper, 7½ inches; diameter of pan, 10½ inches. \$2.00. Shipping weight, 8 lbs.



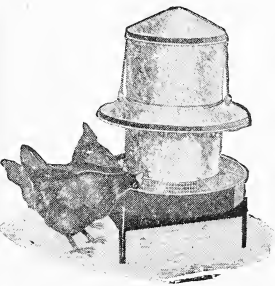
Improved Handy Hopper

Hinged lid keeps out rats, mice and dirt. Swinging front is adjustable to any kind of dry mash and eliminates clogging. Hopper is 15 inches high, 4½ inches wide and made in 4 lengths. Length, 12 in., each.....\$1.75 Length, 18 in., each.....2.25 Length, 24 in., each.....2.75 Five compartments, length, 36 in., each 3.30



Mammoth Round Feed Hopper

A compact, convenient outfit for feeding dry mash to large flocks. Round shape accommodates more fowls with less fighting and less muss. Seamless steel trough, 22 inches in diameter, 3½ inches deep, divided by partitions to prevent waste of feed. Capacity, 100 pounds, or more than 1½ bushels. Mammoth Hopper, without stand.....\$7.50 Mammoth Hopper, complete with stand as shown in illustration 8.25



Oakes "Economy" Grit and Shell Box

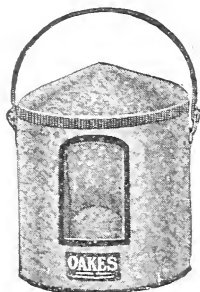
Well made throughout, with round bottoms. Meets the need for inexpensive outfits that will give satisfaction.

8½ in wide, each.....\$0.80 12 in. wide, each.....1.10 16½ in. wide, each.....1.20



POULTRY SUPPLIES—Continued

Oakes Sani-Thermo Fountain

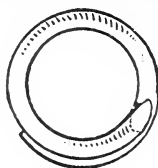


Here's the most modern method of supplying poultry with satisfactory drinking water at all times. It insures sanitary, healthy water, regardless of season or location. It keeps the water warm in winter and cool in summer. No lamps to bother with and no expense! Made of galvanized iron. Top-filled, making it easy to fill and clean. Heavy wire handle. Conical top. Well insulated. Three sizes:

Capacity, 2 gals. each.....\$4.00
Capacity, 3 gals. each.....4.50
Capacity, 5 gals. each.....5.50

Petty Poultry Punches

The Petty Poultry Punch for marking chicks by punching the web of the feet, is made of steel, nickel plated. It is substantially made, cuts a clean hole, and is convenient to use. Each, 25c. postpaid.



(Sizes)

Asiatic
American
Mediterranean

Bantam
Pigeon
Baby Chick

Colored Celluloid Leg Bands

Best quality. Made of Celluloid in six sizes and ten colors: White, Black, Dark Blue, Light Blue, Red, Pink, Garnet, Green, Yellow, Purple.

12 Bands.....	\$0.15
25 Bands.....	.30
50 Bands.....	.50
100 Bands.....	.75
500 Bands.....	3.60
1000 Bands.....	7.00
12 Bands.....	.10
25 Bands.....	.20
50 Bands.....	.35
100 Bands.....	.50
500 Bands.....	2.25
1000 Bands.....	4.00

Colored Leader Adjustable



A "Cracker Jack" for trap nesting. Prices, 12, 35c; 25, 60c; 100, \$1.50; 500, \$6.50; 1000, \$12.50.

RUSTIC BIRD HOUSES

These Houses Will Bring the Birds Back to You Year After Year

Besides being built for the true purposes of attracting the birds these Woods Craft Houses are well put together and made of selected materials in order to resist the action of the elements.

Only selected first class wood, thoroughly seasoned, is used in the construction of these houses. Years of experience have proven just what woods are most suitable for the different shapes of houses. The demand for the different artistic shapes necessitates that they be made of varied woods most suitable to the designs. Red Cedar, Oak, Cypress, and selected White Pine enter into their construction. The nails and cleats holding them together are thoroughly coated so as to resist rust.

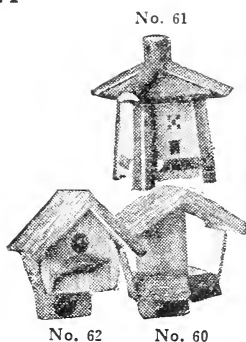
ABOUT WRENS. Place Wren Houses near your dwellings; the wren is hardly ever known to nest off in the woods. If not disturbed, they will become very tame. These Wren Houses are made with 1-inch holes so that sparrows cannot disturb the occupants.

"ART SET"

No. 60
ROBIN HOUSE
Price, \$2.00
P. P. Wt., 3 lbs.

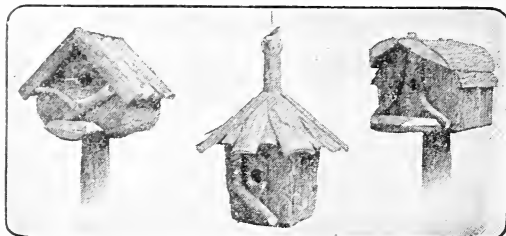
No. 61
WREN HOUSE
(Swinging House)
Price, \$2.50
P. P. Wt., 5 lbs.

No. 62
BLUE BIRD HOUSE
Price, \$2.50
P. P. Wt., 3 lbs.



"ART SET" complete, 3 houses as shown, for \$6.50.

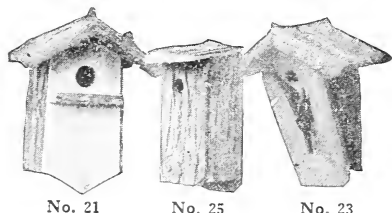
"COUNTRY LIFE SET"



No. 11 Price, \$2.25 Weight, 3 lbs.	No. 12 Price, \$2.25 Made to swing	No. 13 Price, \$2.25 P. P. Wt., 3 lbs.
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"COUNTRY LIFE SET" complete as shown above for \$6.00.

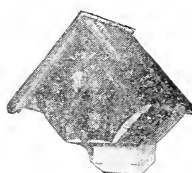
"GEOGRAPHIC SET"



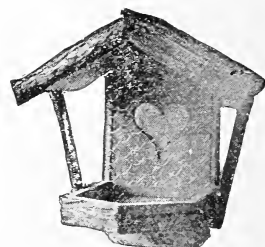
No. 21
BLUE BIRD
Price, \$2.00
P. P. Wt., 3 lbs.

No. 25
ROBIN HOUSE
Price, \$2.25
P. P. Wt., 3 lbs.

No. 23
ROBIN HOUSE
Price, \$2.00
P. P. Wt., 3 lbs.



No. 17
WREN HOUSE
Price, \$2.50
P. P. Wt., 3 lbs.

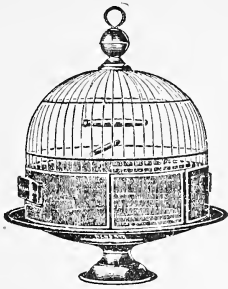


No. 65
"HAVE A HEART"
Suet and Grain Holder
Price, \$2.75
P. P. Wt., 4 lbs.

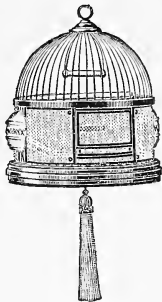
BIRD CAGES, STANDS, ETC.



No. 065



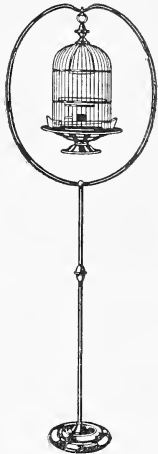
No. 274



No. 530G



No. 17A



No. 19A

Cages—Condensed List

- No. 065. New style fancy oblong jappanned white with black trimming. Size, 6½x9½ in. x 15½ in. high. Each, \$3.00. We also have larger sizes of this same style at \$4.05, \$4.40, and \$4.70 each.
- No. 274. Made of spring brass wire, solid brass rail, spun brass base. Size, 10 in. diameter, 16 in. high. Each, \$6.00. Size, 11 in. in diameter, 16½ in. high. Each, \$7.00. Size, 11½ in. in diameter, 18 in. high. Each, \$8.00.
- No. 530G. Artistic brass cages, with or without tassel. This cage has brass wire guard cloth and self-locking base hooks. Size, 10½ in. diameter, 13½ in. high. Each, \$12.00. Tassel extra, \$1.00.

Floor Cage Stands

- Prices do not include cages. Height of all stands, 5 feet 7 inches.
- No. 17A. Black base, polished brass upright and arch. Each, \$8.75.
- No. 17B. Black base, black upright with brass plated arch. Each, \$6.25.
- No. 17I. Ivory base, ivory upright with brass plated arch. Each, \$7.25.
- No. 19A. Brass base cover over iron casting. Brass tubing upright with solid brass arch. Each, \$11.25.

Cage Springs



Single Spring Double Spring Spring and Chain

SINGLE SPRINGS

No. 75.	Brass plated	Each	\$0.15
No. 95.	Solid Brass	.....	.30
No. 175.	(Heavy) Brass plated	.....	.25
No. 195.	(Heavy) Solid Brass	.....	.35

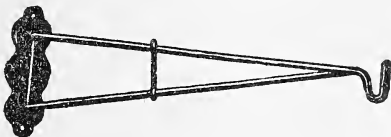
CAGE SPRINGS DOUBLE

No. 275.	Brass plated	Each	\$0.25
No. 295.	Solid Brass	.....	.40

SPRINGS AND CHAINS

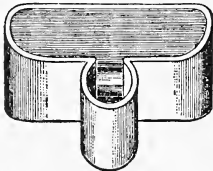
No. 730.	Brass plated (30")	Each	\$0.25
No. 736.	Brass plated (36")	.....	.30
No. 1730.	Solid Brass (30")	.....	.35
No. 1736.	Solid Brass (36")	.....	.50

Cage Brackets

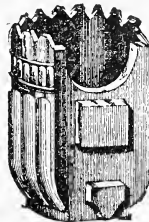


No. 1710.	Brass plated (10")	Each	\$0.25
No. 1810.	Nickel plated (10")	.....	.25
No. 1712.	Brass plated (12")	.....	.30
No. 1812.	Nickel (12")	.....	.30

SEED CUPS



No. 27. Opal. Ea., 20c
No. 25. Crystal... Ea., 15c



No. 25. Opal. Ea., 20c
No. 25. Cryst- tal... Ea., 15c

Bird Baths

- No. 101. Small size 4" long, 1" deep. Ea., \$0.20
- No. 102. Large size, 4¾" long, 1¾" deep. Each, \$0.25

Finest Imported Canaries

We carry a full line of the very best Imported Canaries in both Hartz Mountain and German Rollers. Male birds all guaranteed, ranging from \$8.00 to \$15.00 each. Female birds of the above species at \$3.00 each.

Mail order customers may rest assured of a high class selection if same is left to us. We guarantee satisfaction.

When ordering please state whether you prefer a light colored bird or one with some dark markings.

Johnson's Guaranteed Singers

Hartz Mountain, males	\$ 8.00
St. Andrewsberg, males	10.00
Siebert Rollers, males	15.00

Johnson's Freshly Mixed Bird Seed

This seed must not be confused with the cheap bird seeds sold in many stores. We use none but the best seeds obtainable. Lb., 20c; 5 lbs., 90c.

	Pkg.	¼ lb.	Lb.	5 lbs.	10 lbs.
Ant's Eggs	\$0.10	\$1.25	\$4.00		
Canary. Plain Sicily		.20	\$0.90	\$1.50	
Hemp Seed		.15	.70	1.30	
Millet Seed. (Imported)		.12	.55	1.00	
Rape Seed		.20	.90	1.50	
Unhulled Rice		.25	1.10	2.00	
Bird Manna. Keeps Canary Birds in prime condition.	Pkg., 15c.				
Cuttle Fish Bone. 10c each; ¼ lb., 20c; 60c per lb.					
Fish Food. For aquariums. 15c pkg.					
Lettuce Seed. 5c per oz.; 15c per ¼ lb.; lb., 40c.					
Maw Seed. ¼ lb., 10c; 30c lb.; 5 lbs., \$1.25.					
Parrot Food. (Spratt's.) 20c pkg.; \$2.00 doz.					
Sand for Bird Cages. Fine. Red or Silver. 10c pkg.; doz. pkgs., \$1.00.					
Silver (coarse), 10c pkg.; doz. pkgs., \$1.00.					
Song Restorer for Canaries, revives the desire to be lively and sing more lustily. Price, 25c; per doz., \$2.50.					
Prices on Bird Seeds Subject to Market Changes.					

Bird, Fish and Dog Supplies

JOHNSON'S SUPERIOR SONG RESTORER

For Canaries

AN UNEXCELLED BIRD FOOD

This preparation is put up under the old reliable English Recipe for Birds that have lost their song, whether from the effects of moulting or otherwise. Per bottle, 3½ oz., 25c. (By mail 32c.)

Johnson's Louse Powder

For dusting Canaries and other Cage Birds that are troubled with Lice, Mites, etc. 25c.

Johnson's Bird Wash

For use on Canary Birds and all other birds in captivity. Non-poisonous. Allays itching and stops the bird from pulling its feathers. Per Bottle, 25c.

Burnett's Bird Tonic

Invaluable for Birds afflicted with Asthma, Colds, Hard Breathing, etc. Per bottle, 25c.

Our bird seeds are the highest quality, fresh and re-cleaned. Your feathered pets will thrive if you get your supplies in this line from us.

Gold Fish and Aquariums

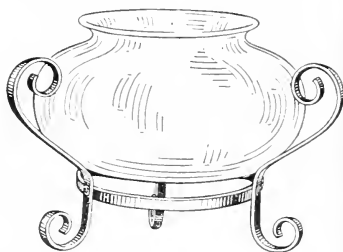
GOLD FISH

From 10c to \$1.50 Each

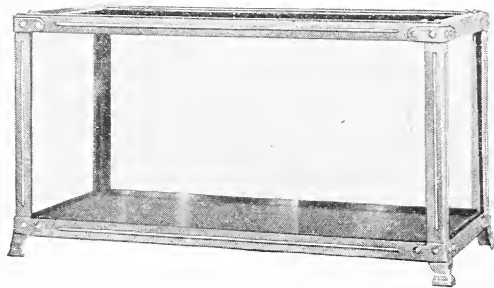
Gold-Fish Bowls

We carry an extensive assortment of styles and sizes in Gold-Fish Bowls, supplied in clear glass.

Gal.	Each
½ Squat style..	\$0.50
1 Squat style..	.75
1½ Squat style..	1.25
2 Squat style..	1.50
3 Squat style..	2.75



Wrought Iron Table Stand as shown for 1½, 2 and 3 gal. sizes are 50c. Tall floor stands for 1½ and 2 gal. globes are \$2.25 each.



These aquariums are made of polished aluminum, glazed with double-strength glass and heavy glass bottom.

No. 00.	1	gal. capacity.....	\$ 3.50
No. 01.	1½	gal. capacity.....	4.50
No. 02.	2	gal. capacity.....	5.00
No. 03.	3	gal. capacity.....	6.25
No. 04.	4	gal. capacity.....	7.50
No. 11.	5	gal. capacity.....	10.50
No. 12.	7	gal. capacity.....	14.00

JOHNSON'S WASHED BIRD SAND. Silver, fine. Pkg., 15c; 2 for 25c. (By mail add 8c per pkg.)

BURNETT'S SONG RESTORER. For canaries; revives the desire to be lively and sing more lustily. Per pkg., 25c. (By mail 32c.)

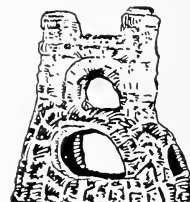
BURNETT'S FOOD. Will give immediate relief from the effects of moulting, eradicates all impurities from the blood, and restores to the songster, a strong and clear voice. Per bottle, 25c. (By mail 32c.)

BURNETT'S LOUSE POWDER. An effective remedy to be dusted on all kinds of birds. Per can, 25c. (By mail 30c.)

SUNFLOWER SEED. We are large handlers of this important food for parrots. We turn out only a very choice article. Per lb., 15c. (By mail 22c.)



425



576



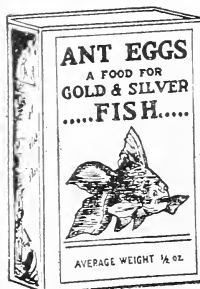
600

Castles and Ornaments

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